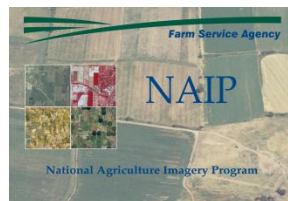


USDA Contracting Activities Report

USDA Imagery Planning & Coordination Meeting

Salt Lake City, Utah
December 7 - 9, 2010

USDA FSA Aerial Photography Field Office



Fiscal Year 2010

USDA Contracting Activities Report

USDA
Contracts
Overview
Geoff Gabbott

NAIP
Contracts
John
Mootz

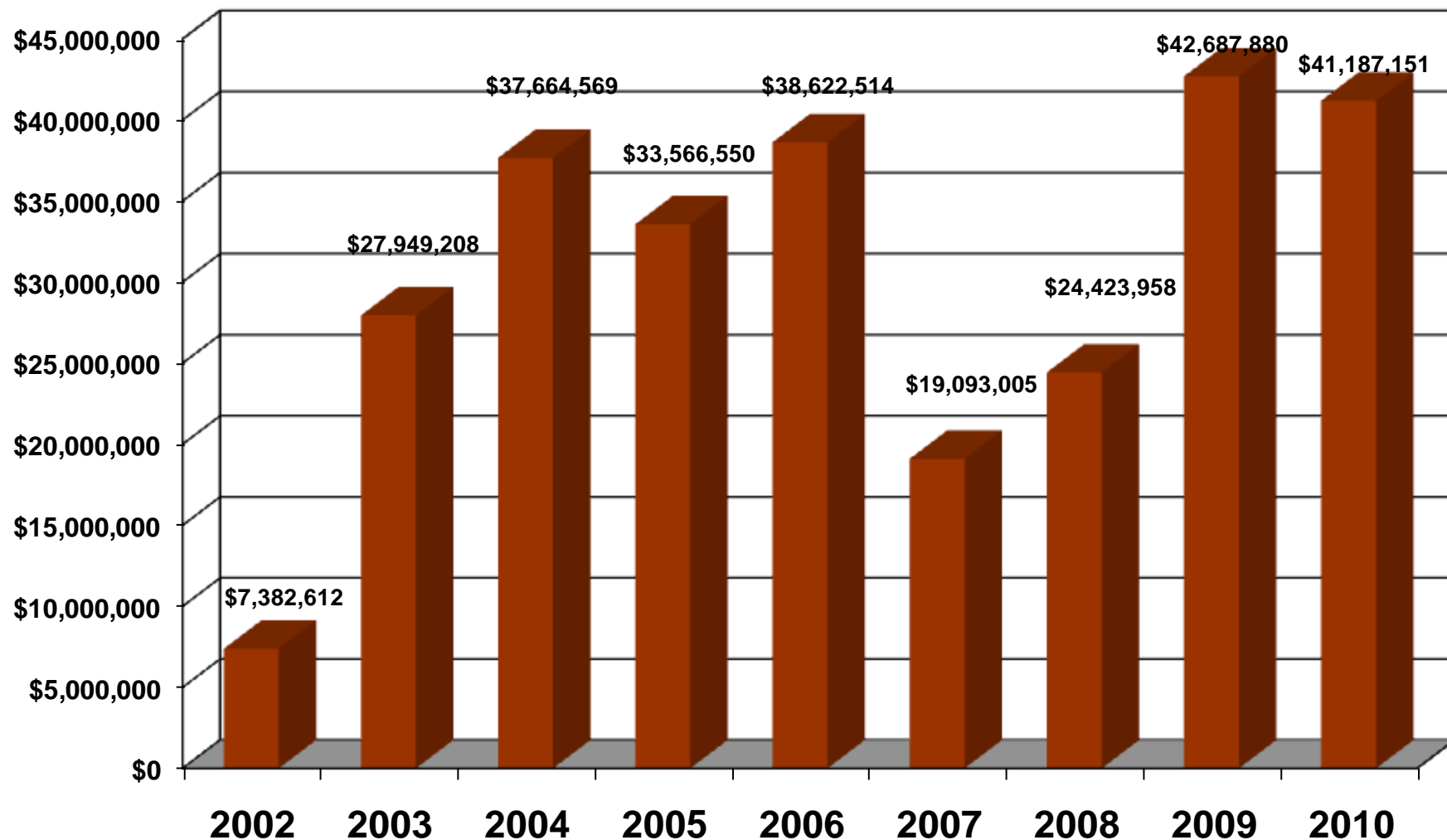
Resource
Contracts
Michelle
Clifford

SAC
Contracts
Jacque
La Croix

APFO IT
Contracts
Jacque
La Croix

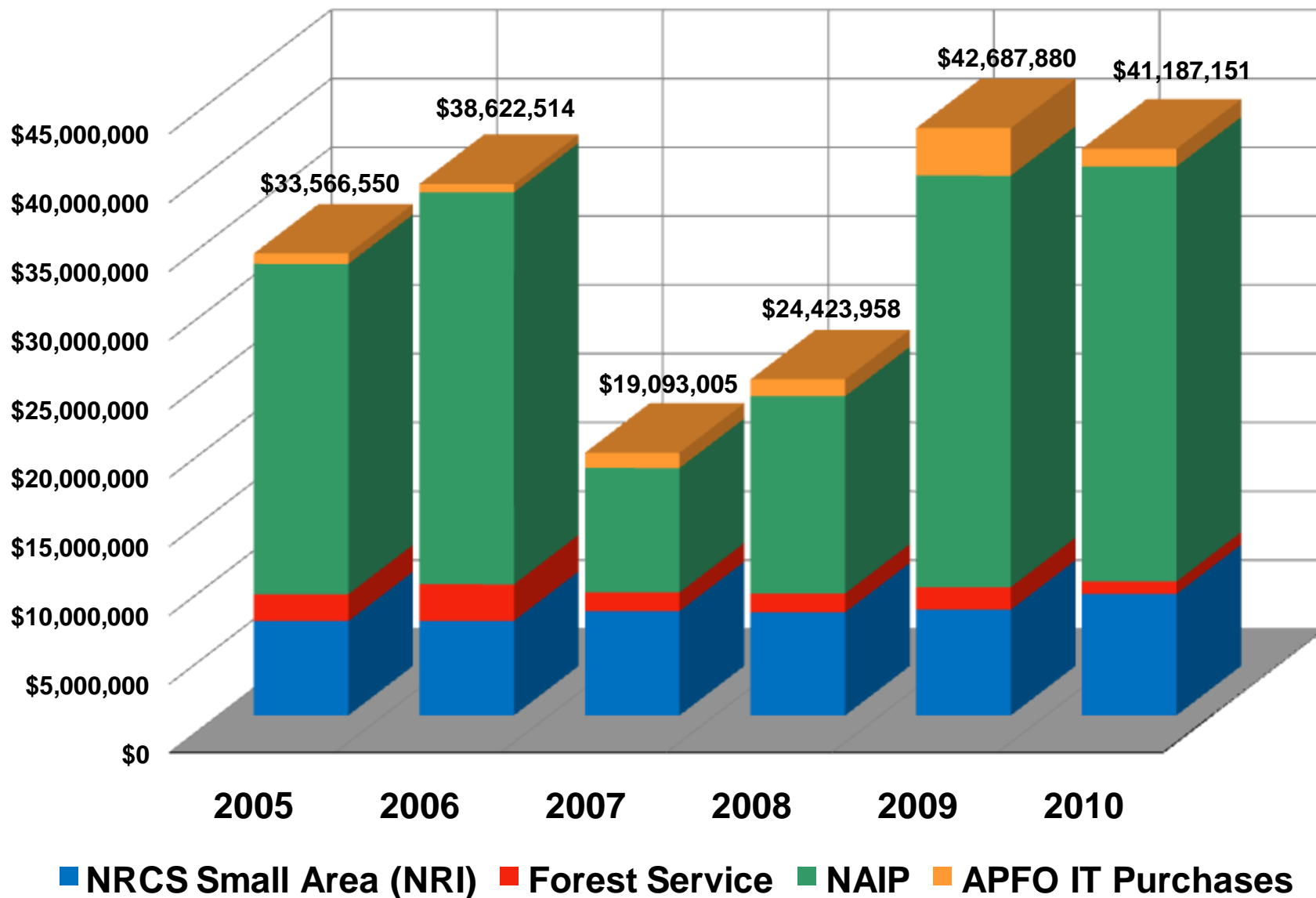
History of APFO Contract Award Totals

Total annual contract awards



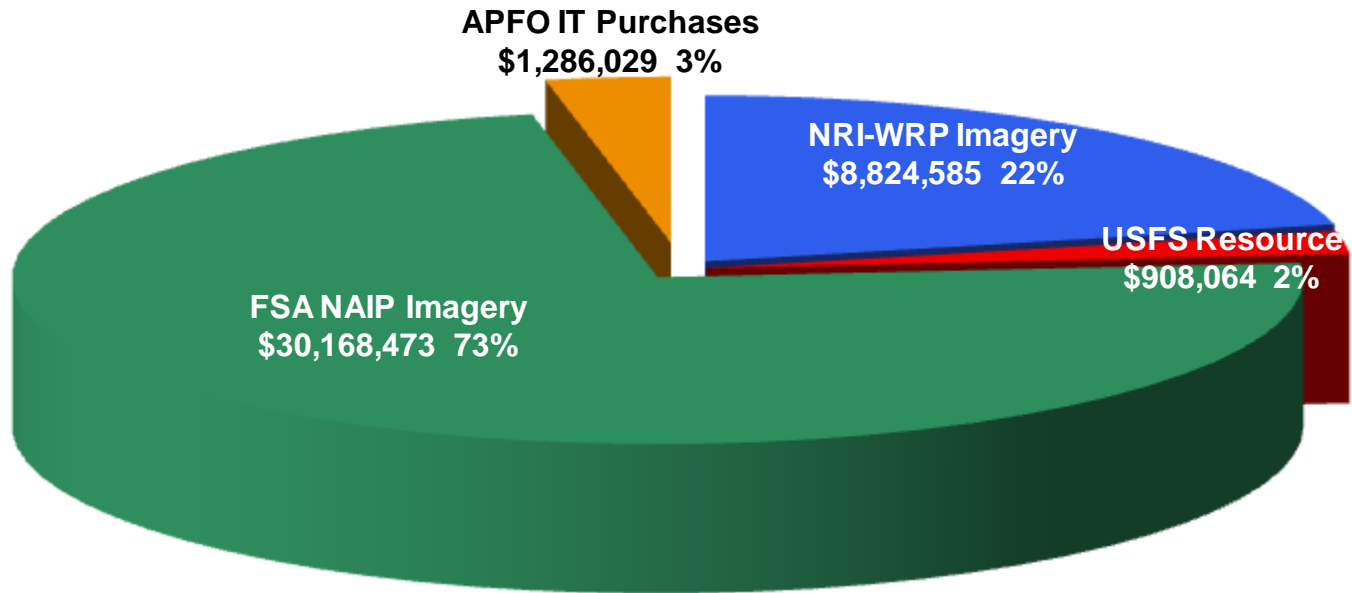
History of APFO Contract Award Totals

Total annual contract awards



Fiscal Year 2010 Contracts

Total Amount Awarded: \$41,187,151



■ NRI-WRP Imagery

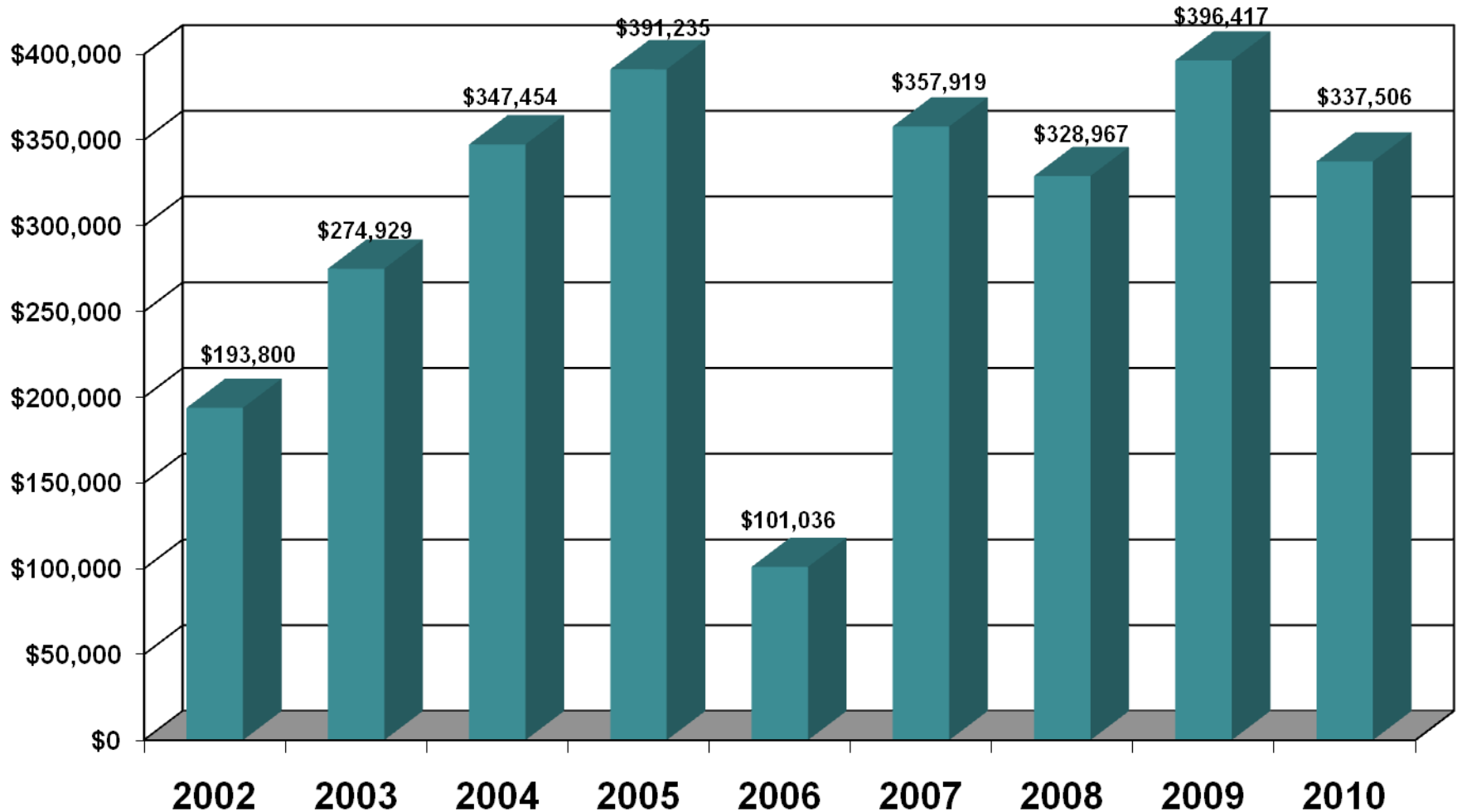
■ USFS Resource

■ FSA NAIP Imagery

■ APFO IT Purchases

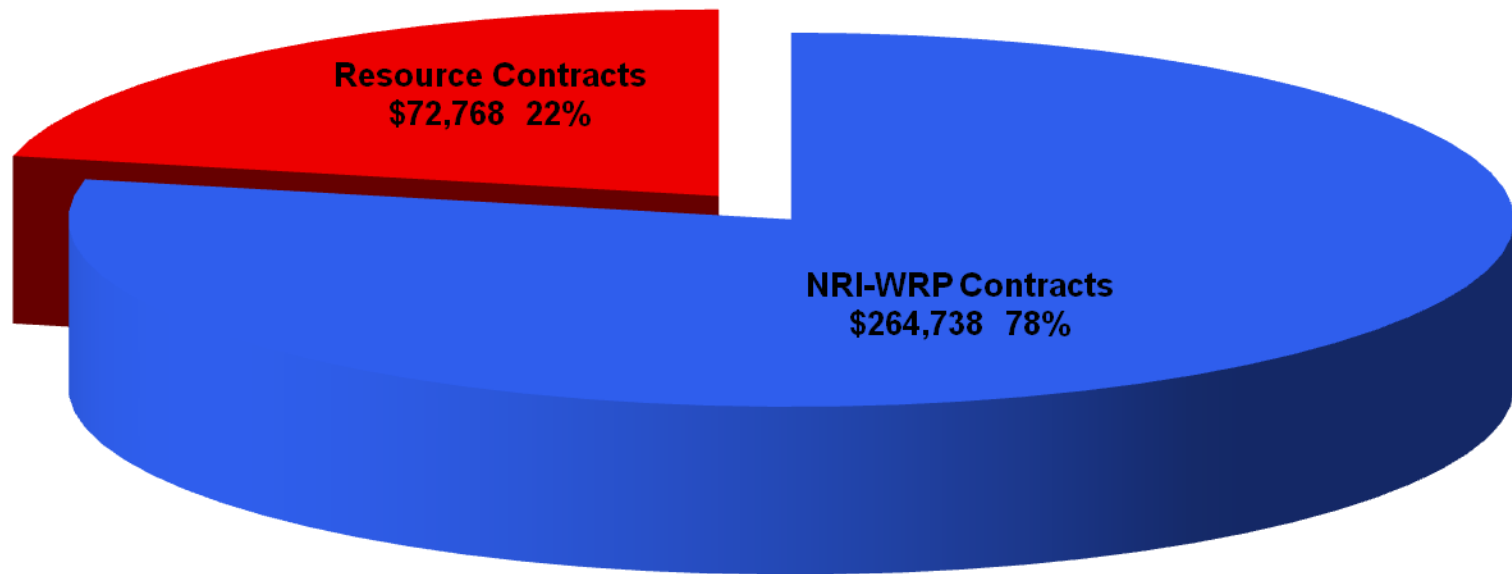
APFO Administrative Charges

2002 – 2010 History – Total Administration Charges



APFO Administrative Charges

FY 2010 TOTAL ADMIN. FEES: \$337,505.71



■ **NRI-WRP Contracts**

■ **Resource Contracts**

NAIP

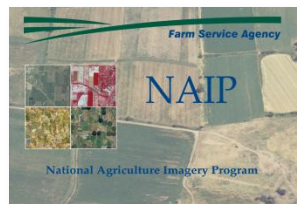
National Agriculture
Imagery Program

**John Mootz,
Contracting Officer**



2010 NAIP Contract Summary

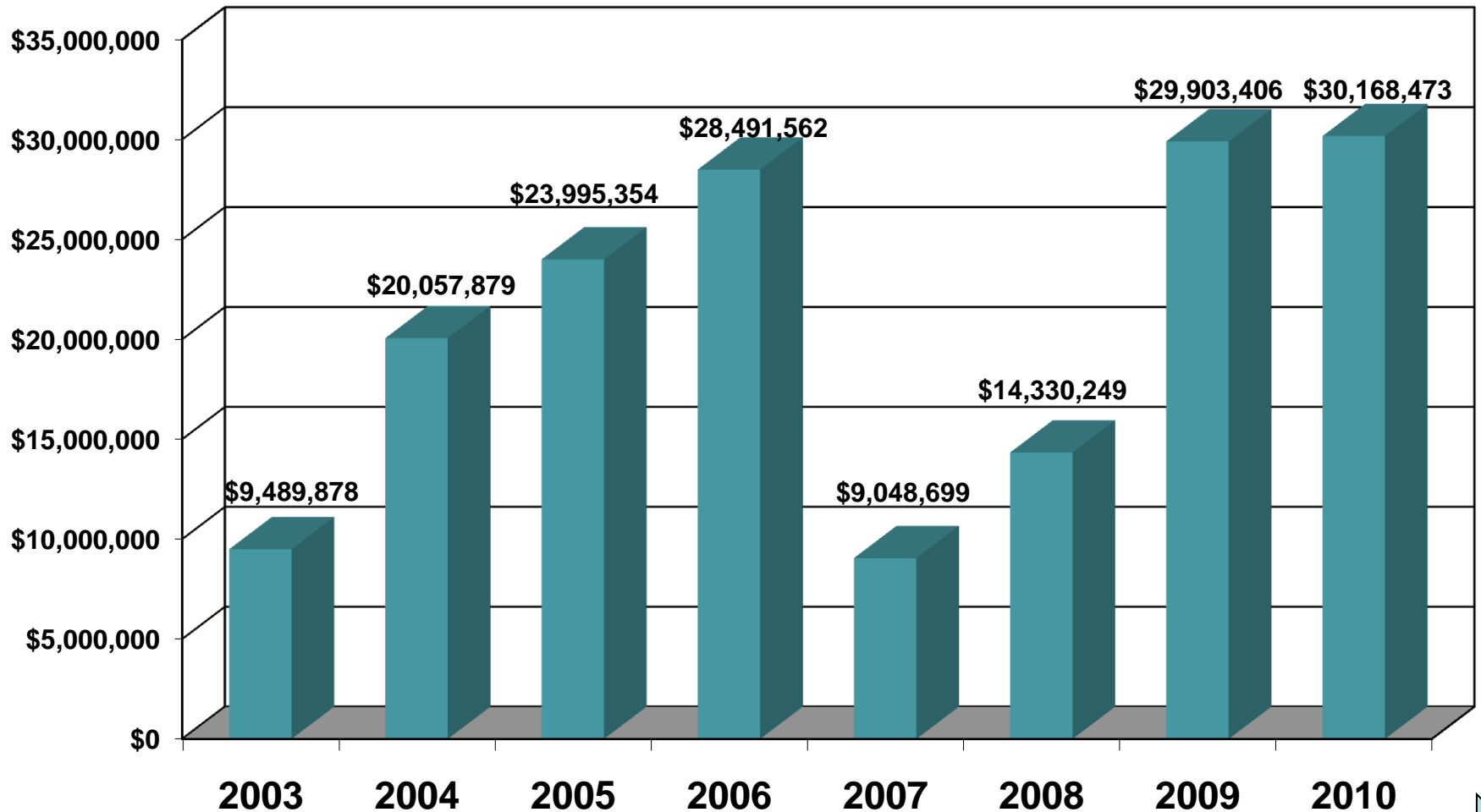
- ▶ 30 states awarded to 6 Prime Contractors
- ▶ One meter resolution imagery
- ▶ Digital Orthophotography
 - ▶ Accurate within 6 meters to ground
- ▶ All states 4-band Imagery (Natural & CIR)
- ▶ Products: (Delivered 30 days after season ends)
 - ▶ Compressed County Mosaics (CCM) with seamline shapefiles
 - ▶ Digital Orthophoto Quarter Quads (DOQQ)
- ▶ All 2010 imagery acquired by Oct 12th





NAIP Contract Awards

History of NAIP Contract Award Totals



3 Year IDIQ Contract

5 Year IDIQ Contract – expires 2011

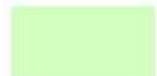
2010 NAIP IMAGERY STATUS

All States

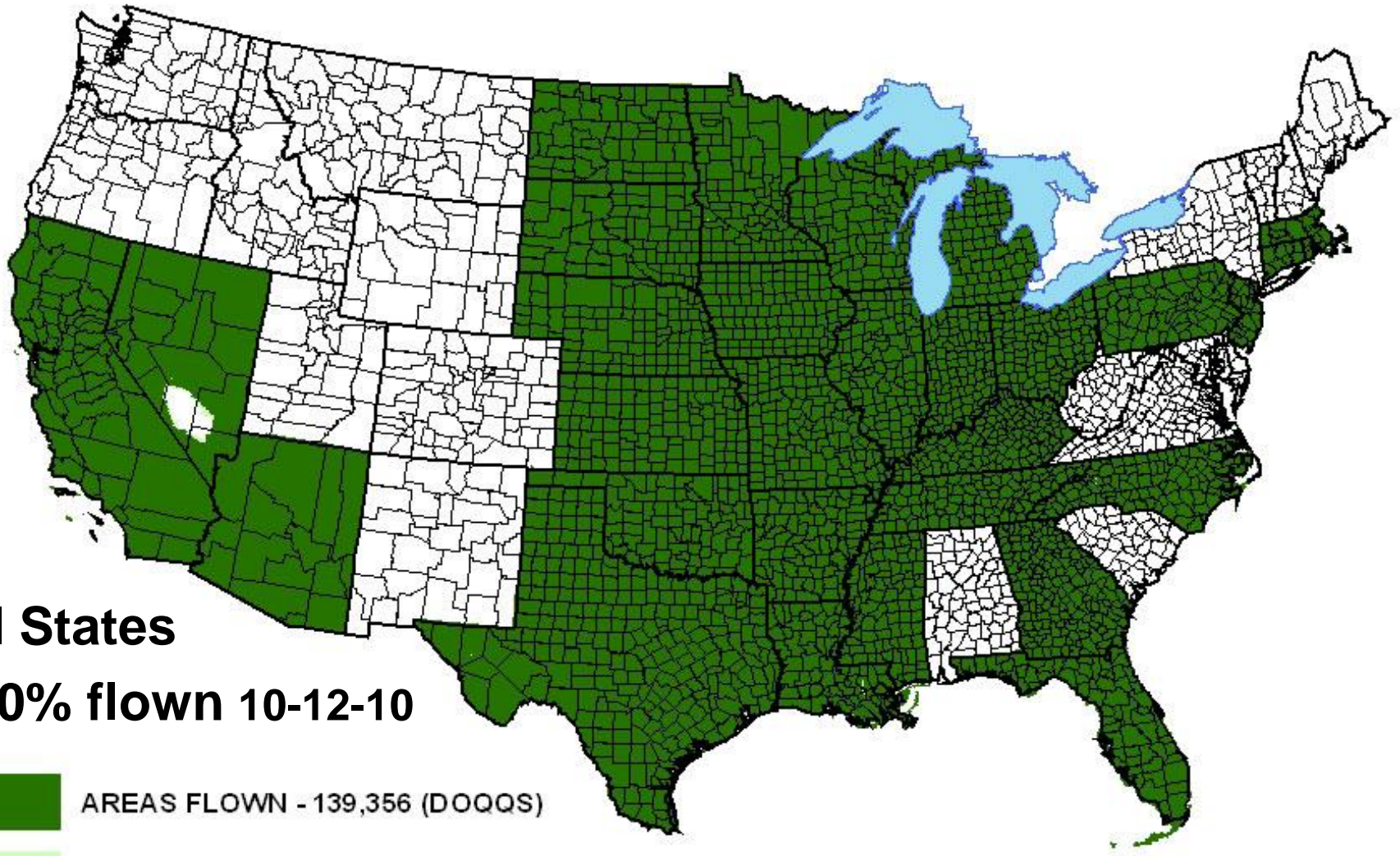
100% flown 10-12-10



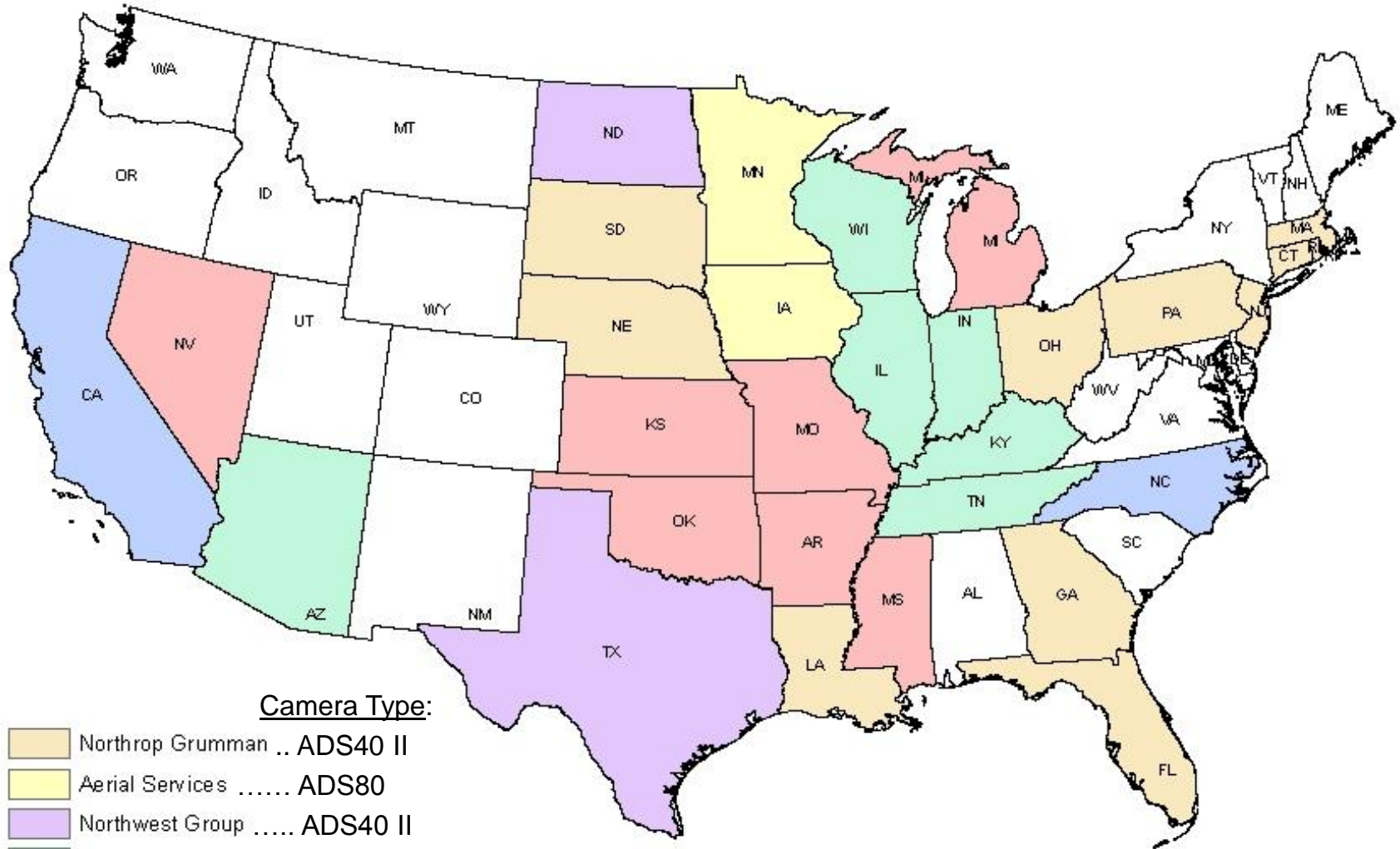
AREAS FLOWN - 139,356 (DOQQS)



AREAS CONTRACTED - 139,495 (DOQQS)



2010 NAIP CONTRACTORS

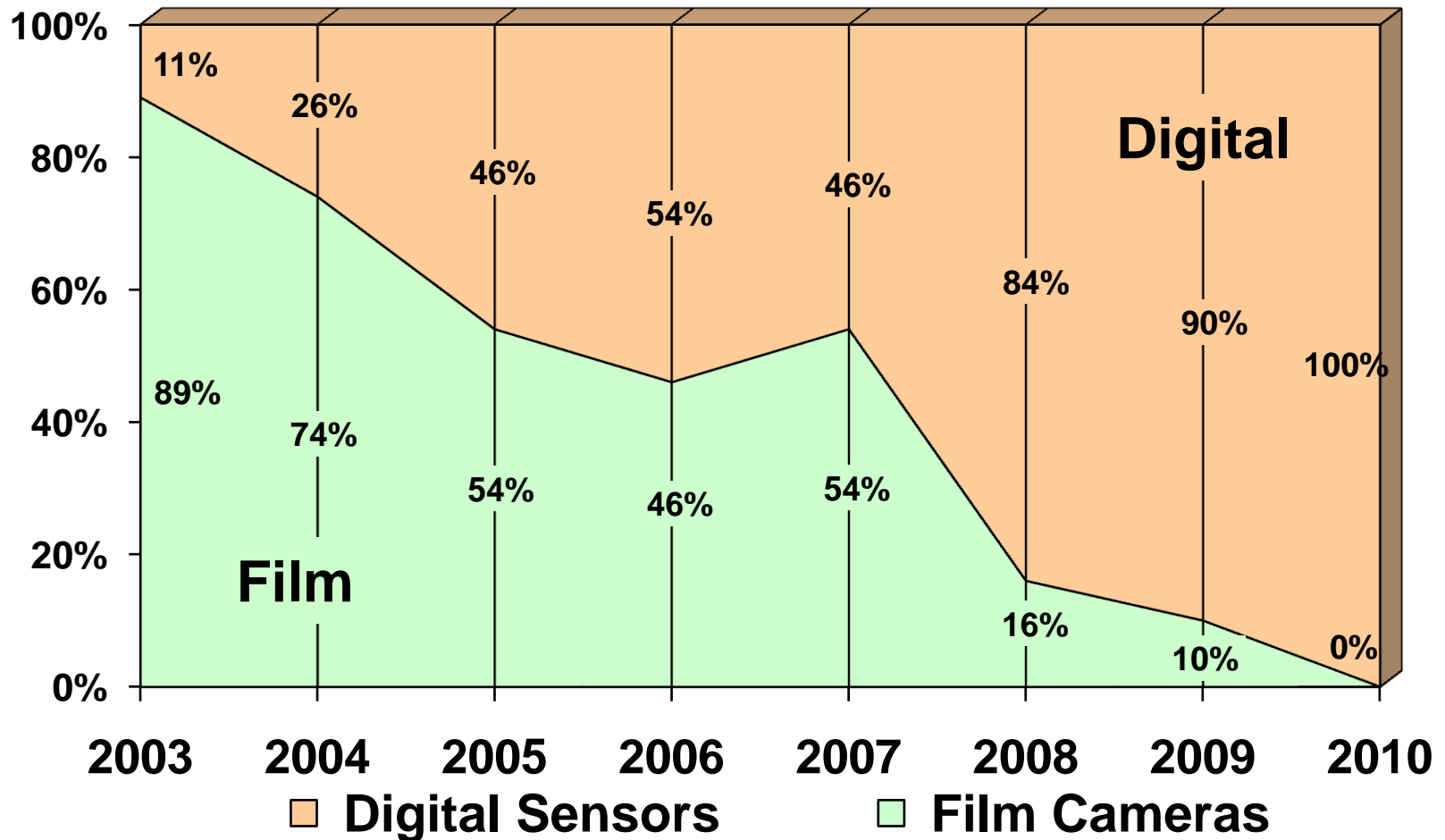


Camera Type:

- Northrop Grumman .. ADS40 II
- Aerial Services ADS80
- Northwest Group ADS40 II
- Photo Science DMC
- Sanborn DMC
- Surdex DMC

NAIP Camera Trends

Film Cameras vs. Digital Sensors



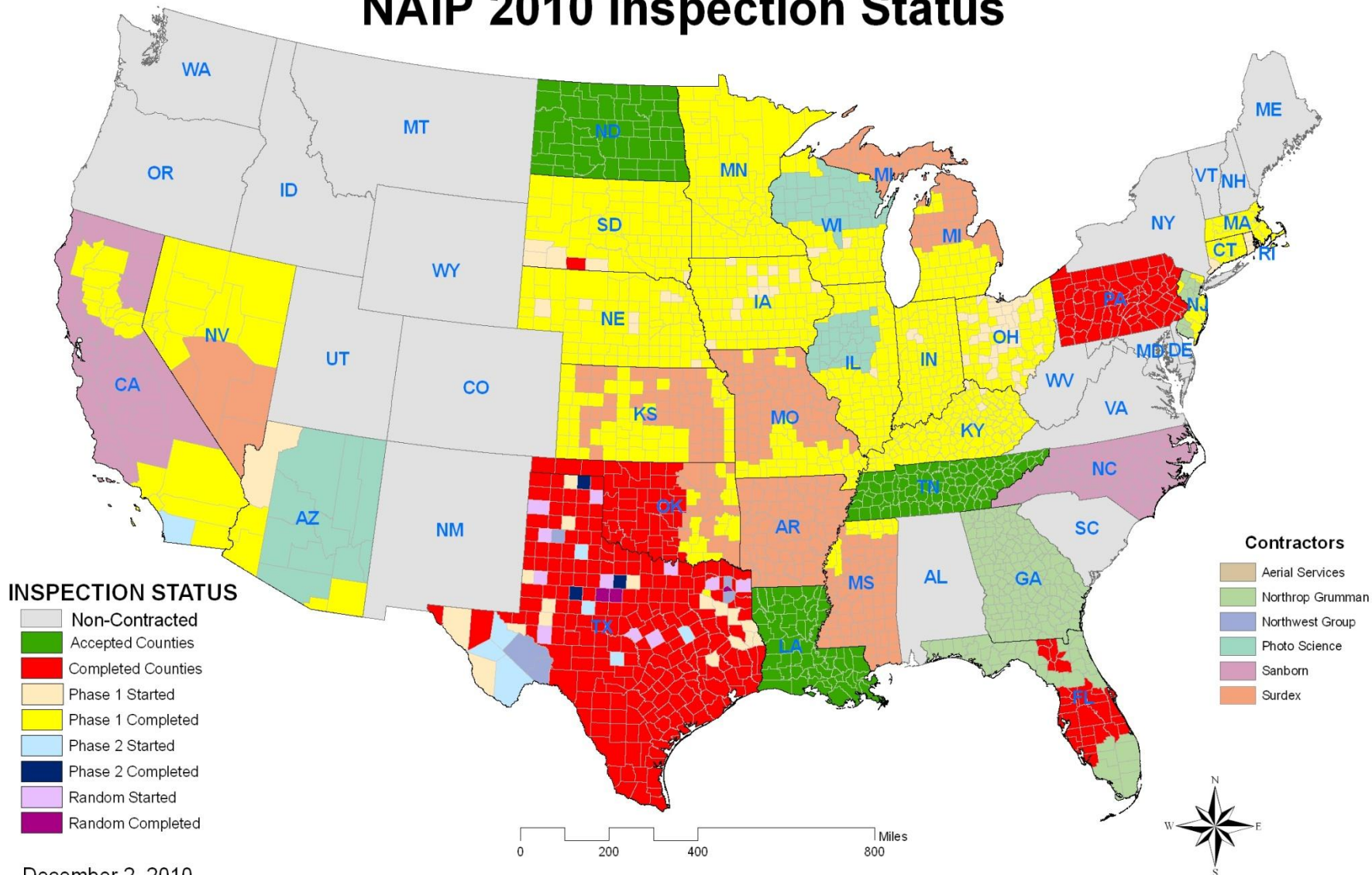
Mixing Digital Sensors

Two requests were approved to acquire 2010 NAIP imagery using “mixed” digital sensors with the following conditions:

- Multiple camera approval limited to known and pre-approved camera systems.
- Mixing sensor types within a quarter-quadrangle is not allowed.
- Separate production process description files required for each sensor type.
- The CCM seamline shapefile must have separate polygons for different sensor types.



NAIP 2010 Inspection Status



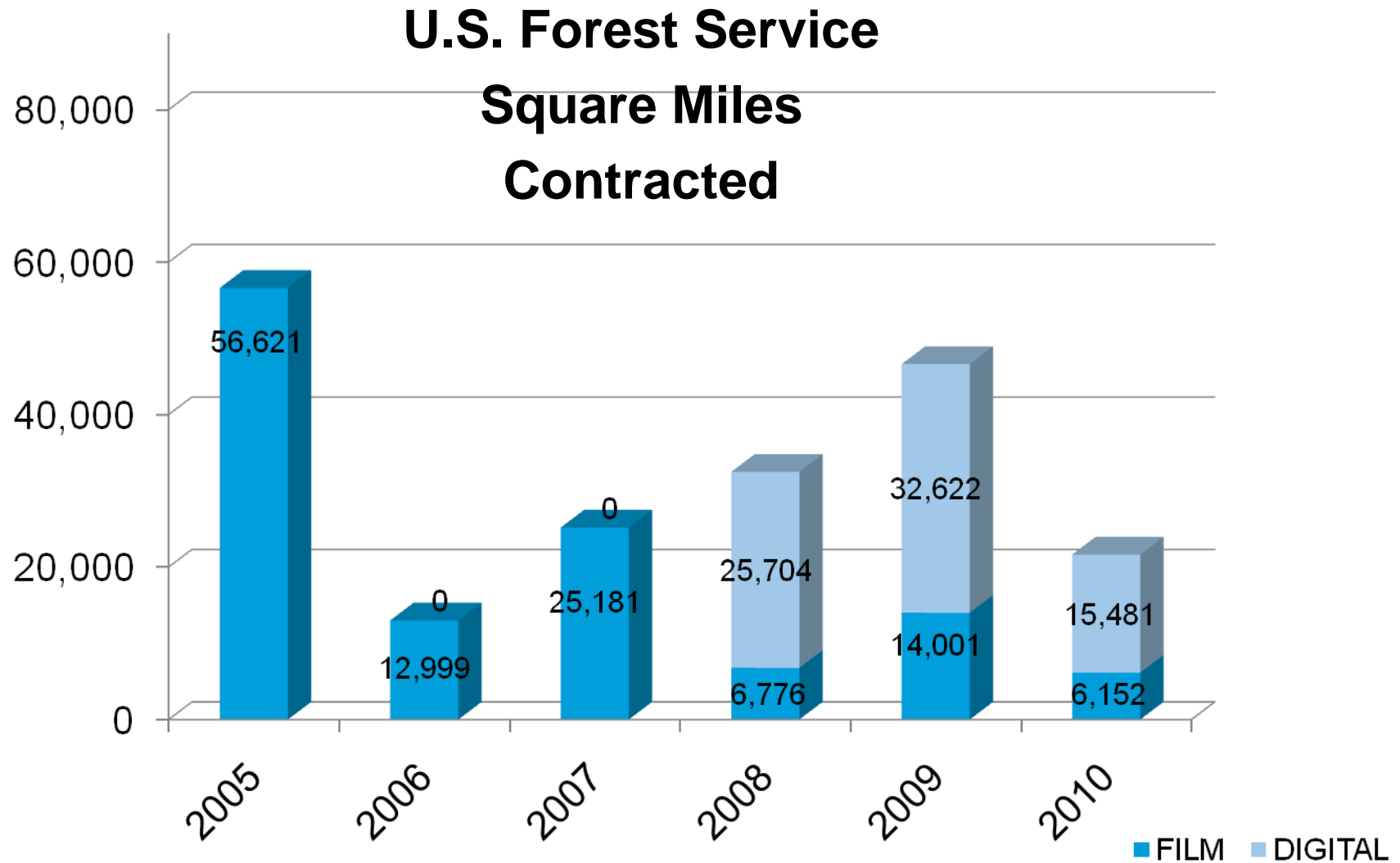
RES

Resource Aerial
Photography Contracts

**Michelle Clifford,
Contracting Officer**

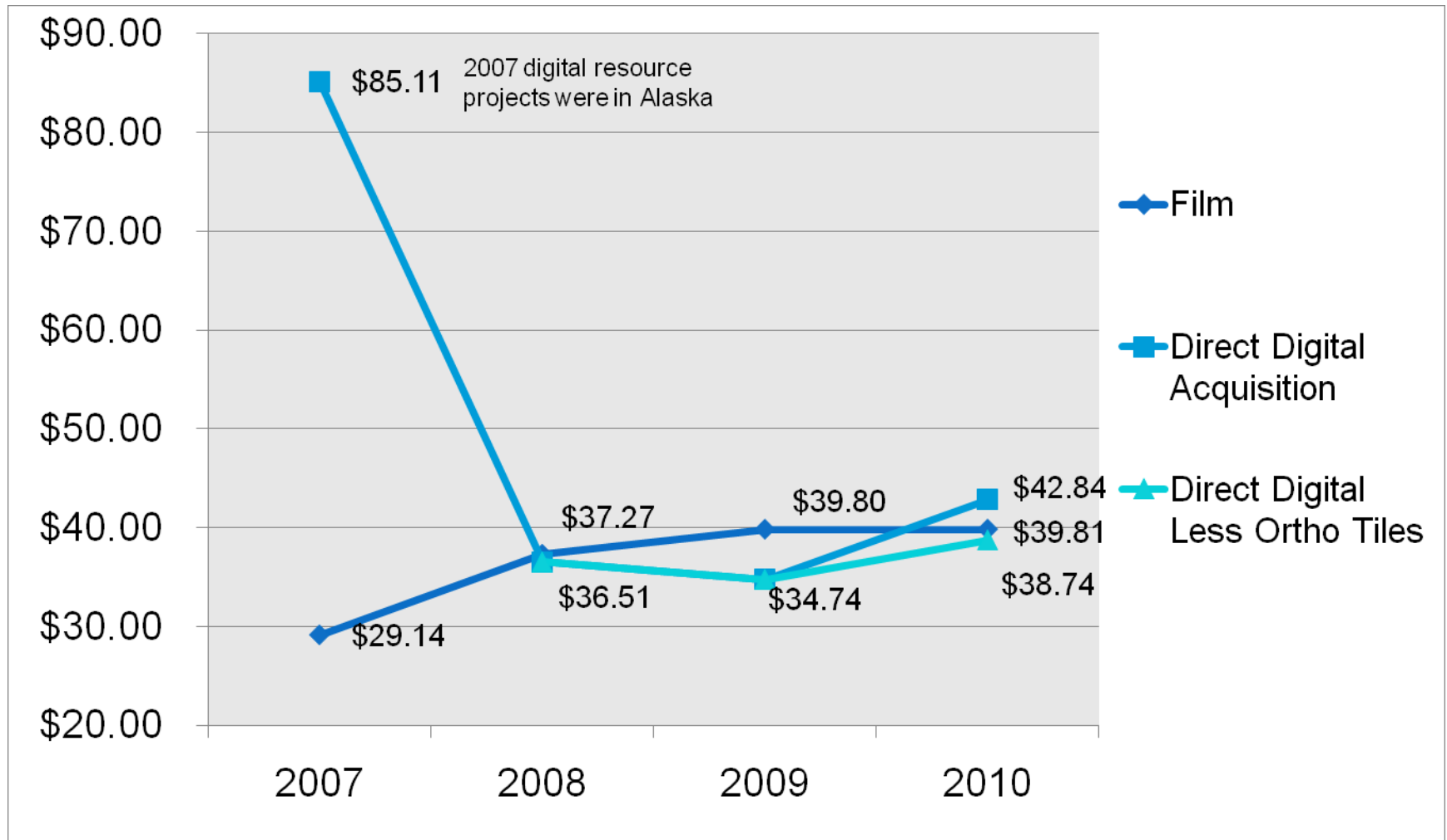


History of Resource Contracts

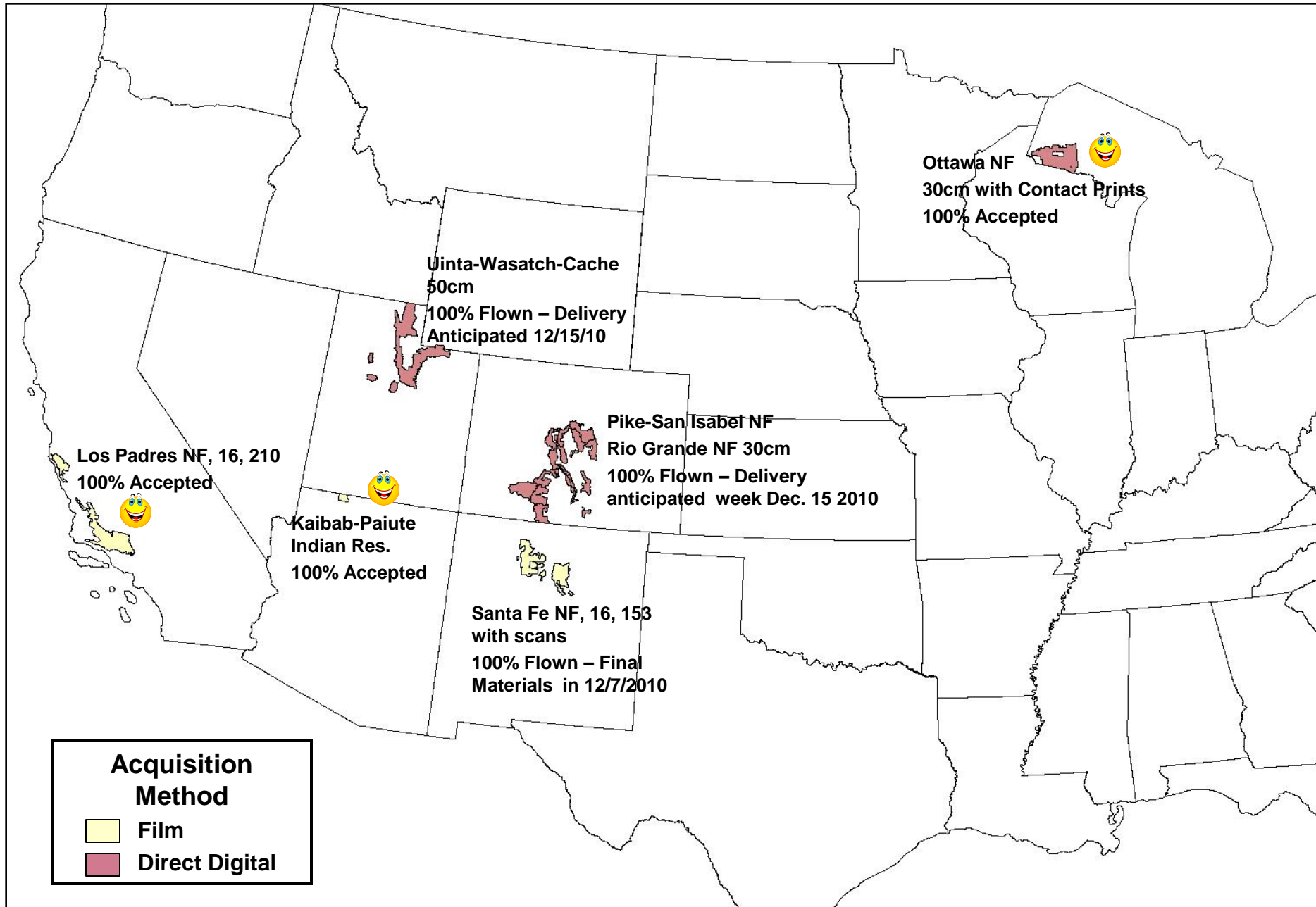


Resource Contracts

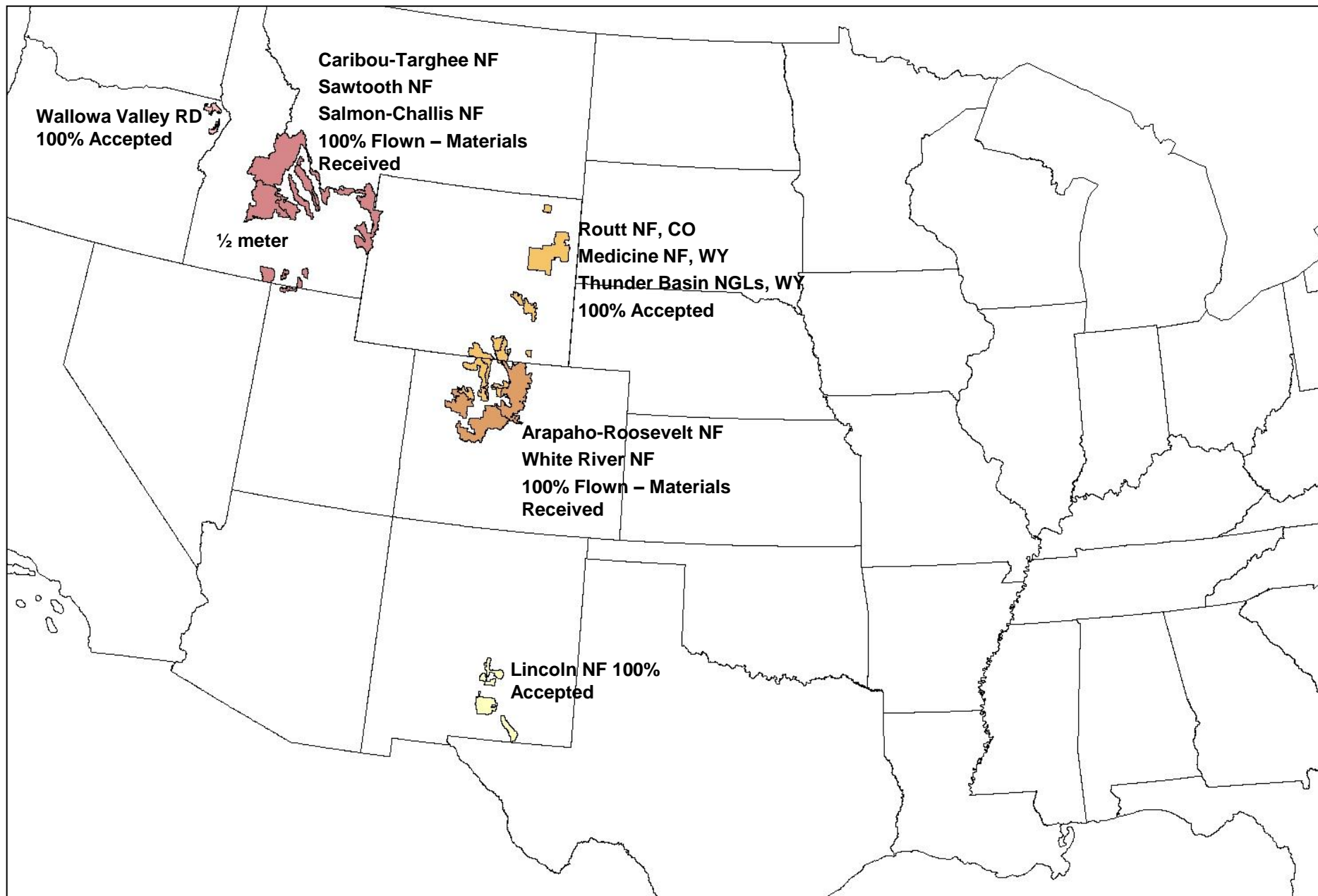
Average Cost per Square Mile



2010 Resource Contracts



2010 Carry Over - Prior Year Resource Contracts





FS Region 2 Projects

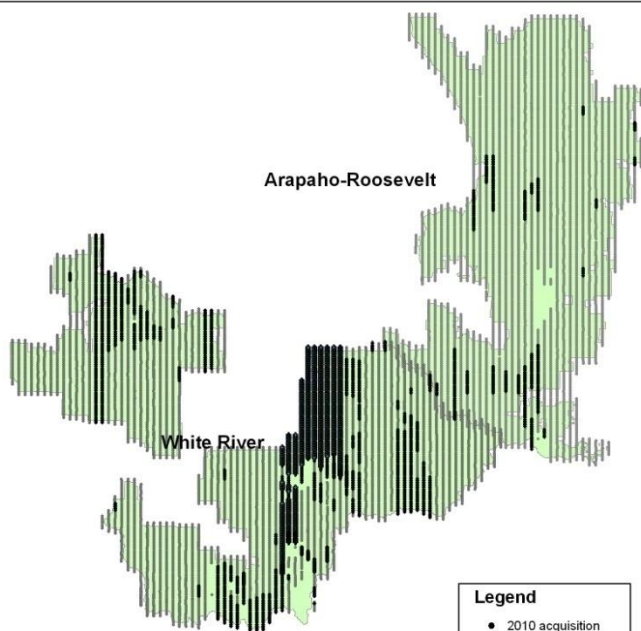
U.S. Department of Agriculture
Farm Service Agency
Aerial Photography Field Office
2222 West 2300 South
Salt Lake City, UT 84119-2020

SOLICITATION NO: USDA-FS-8-08
ITEM 1: Arapaho-Roosevelt NF, CO
ITEM 2: White River NF, CO
GSD: 30 cm (12 inch)

Progress as of: 30-SEP-10
Contractor: Sanborn

"NOTICE"
Map indicates preliminary imagery acquisition as reported by the contractor via daily progress reports. Actual physical coverage will be determined later after Government receipt and inspection.

Point of Contact: Michelle Clifford
Email: michelle.clifford@slc.usda.gov
Tel: 801-844-2909
Fax: 801-956-3641



• Previously rejected for missing IMU data, problem has been resolved

Legend

- 2010 acquisition
- Previously accepted

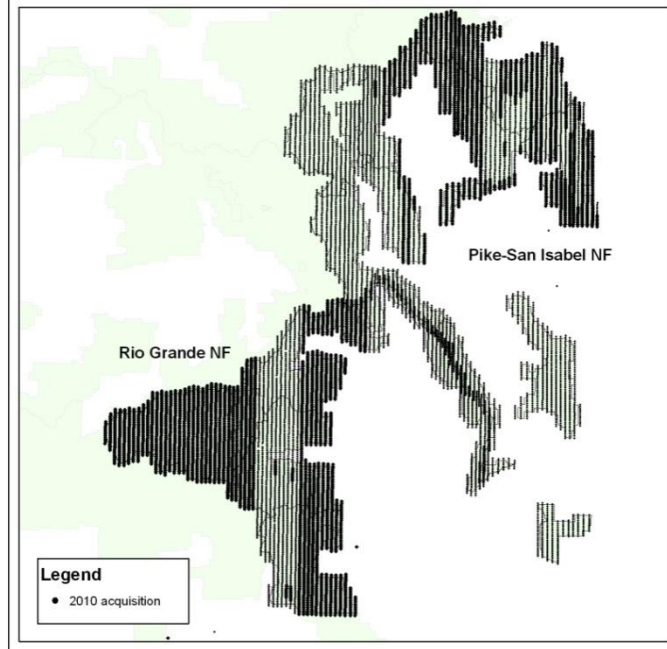
U.S. DEPARTMENT OF AGRICULTURE
Farm Service Agency,
Aerial Photography Field Office
2222 West 2300 South,
Salt Lake City, UT 84119-2020

AERIAL IMAGERY
SOLICITATION NO: USDA-FS-4-10
Item 1: Pike-San Isabel NF, CO
Item 2: Rio Grande NF, CO
GSD: 30cm

Progress as of: 27-SEP-2010
Contractor: Valley Air

"NOTICE"
Map indicates preliminary coverage of acquisition as reported by the contractor. Accepted coverage by AFPO will be determined and available at a later date.

Point of Contact: Michelle Clifford
Email: michelle.clifford@slc.usda.gov
Tel: 801-844-2909,
Fax: 801-956-3641



Legend

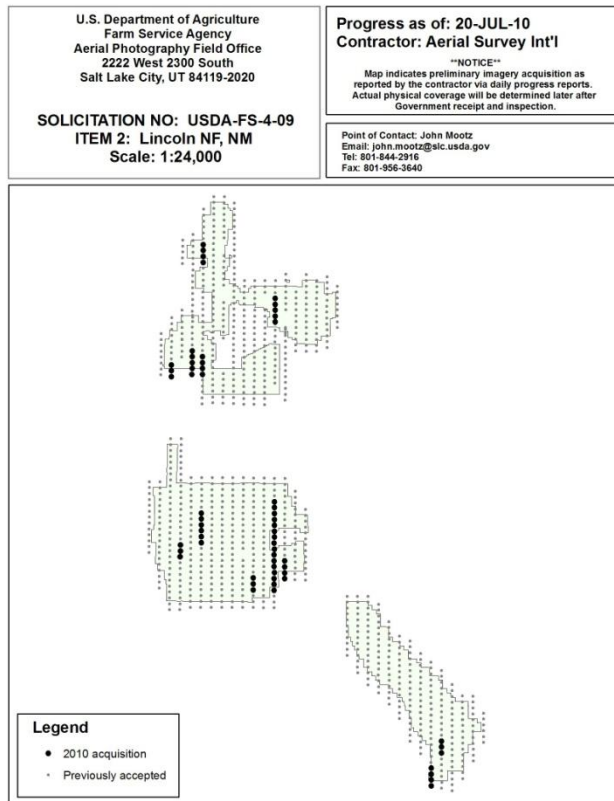
- 2010 acquisition

100% Flown
Anticipate Delivery
12/15/2010

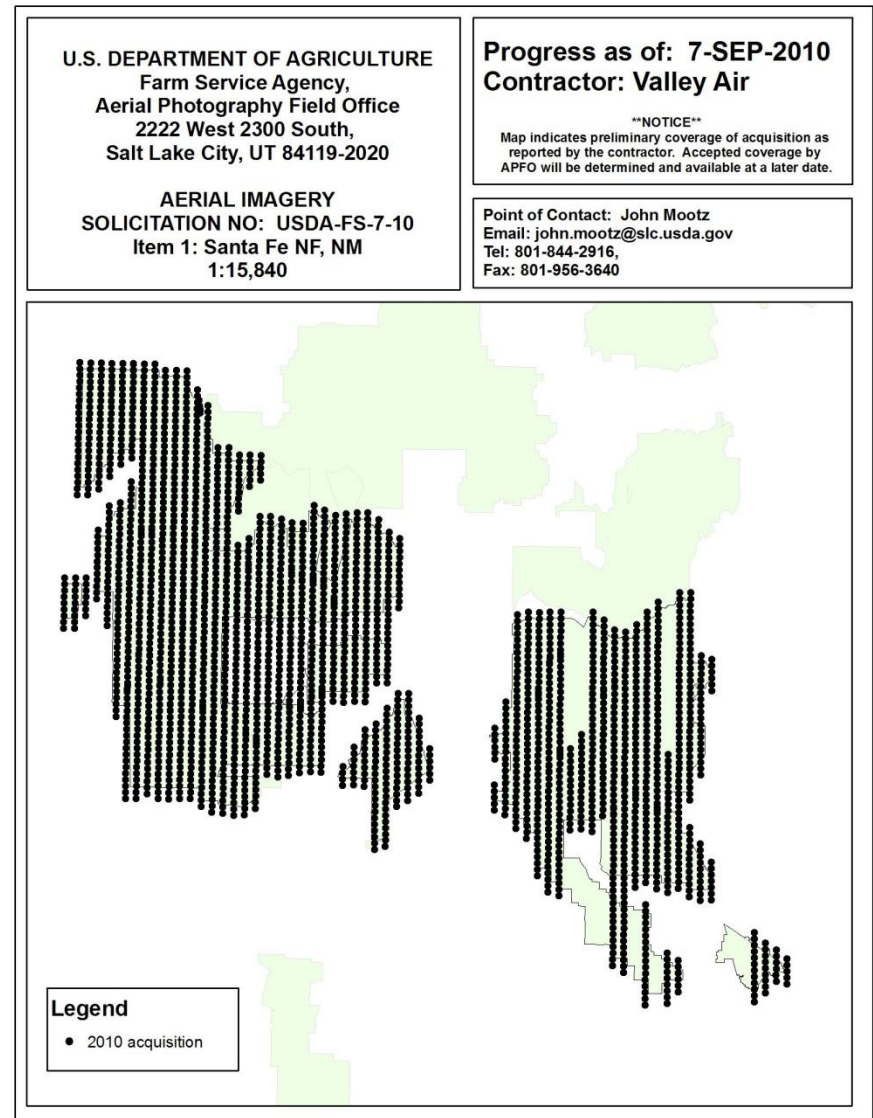
100% Flown
Materials
Received 12/2/10



FS Region 3 Projects



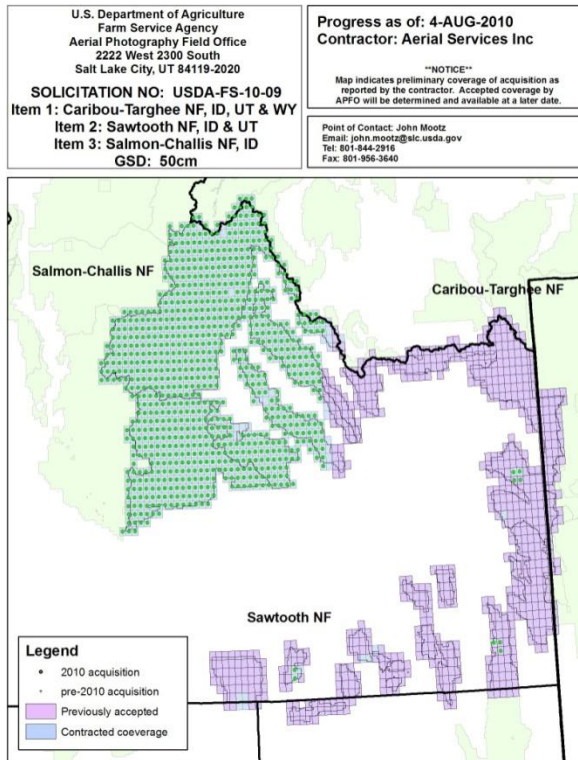
100% Accepted



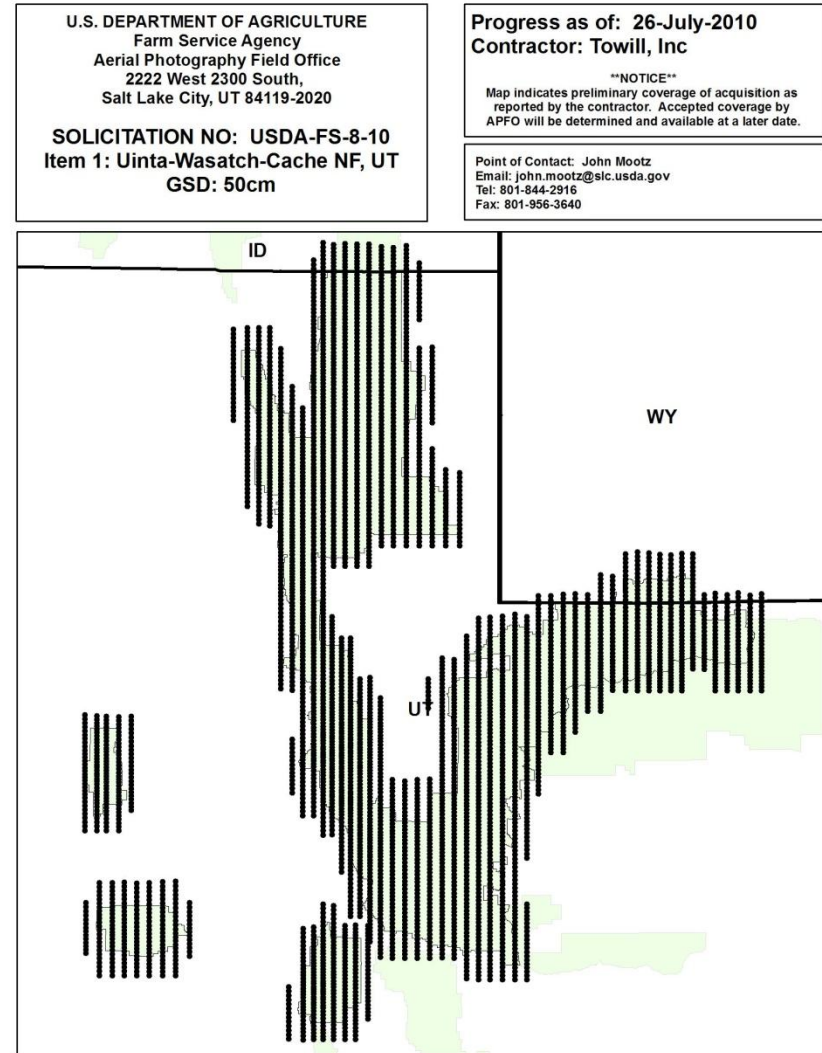
100% Flown
Materials Received 12/8/2010



FS Region 4 Projects



**100% Flown
Materials Received**



**100% Flown
Delivery Anticipated
12/14/2010**



FS Region 5 Project

**100% Accepted
November 22, 2010**

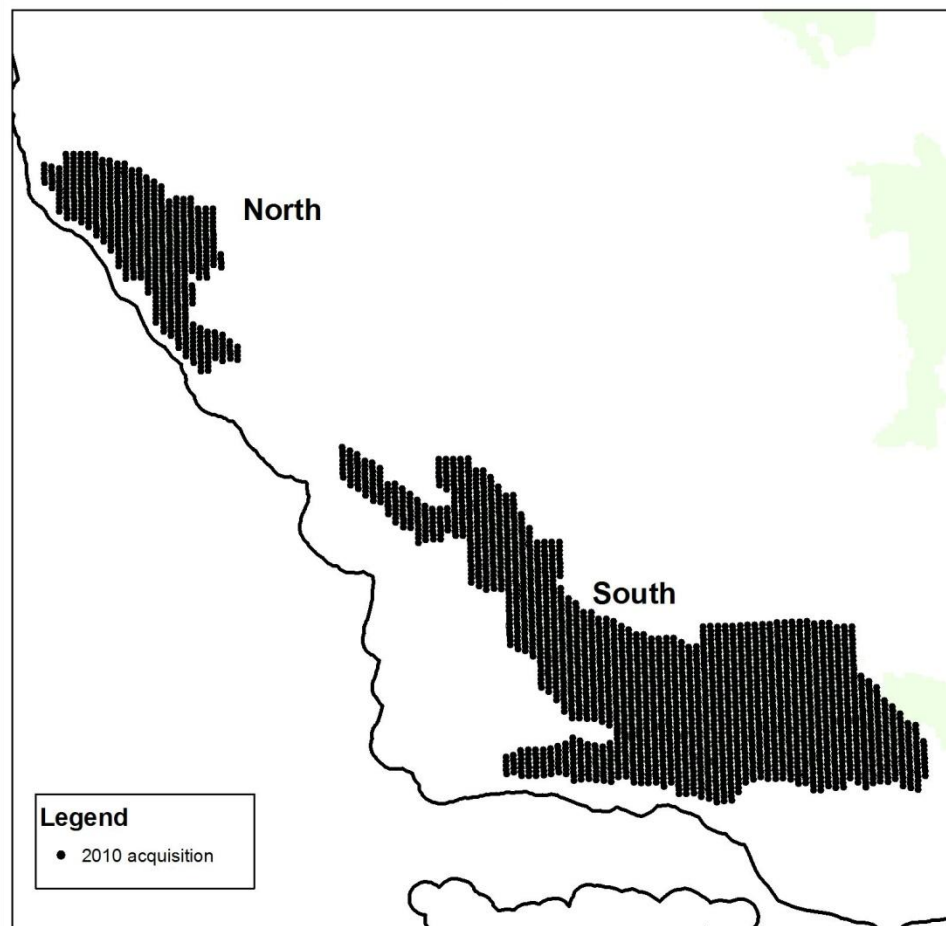
U.S. DEPARTMENT OF AGRICULTURE
Farm Service Agency,
Aerial Photography Field Office
2222 West 2300 South,
Salt Lake City, UT 84119-2020

AERIAL IMAGERY
SOLICITATION NO: USDA-FS-9-10
Item 1: Los Padres NF, CA
1:15,840

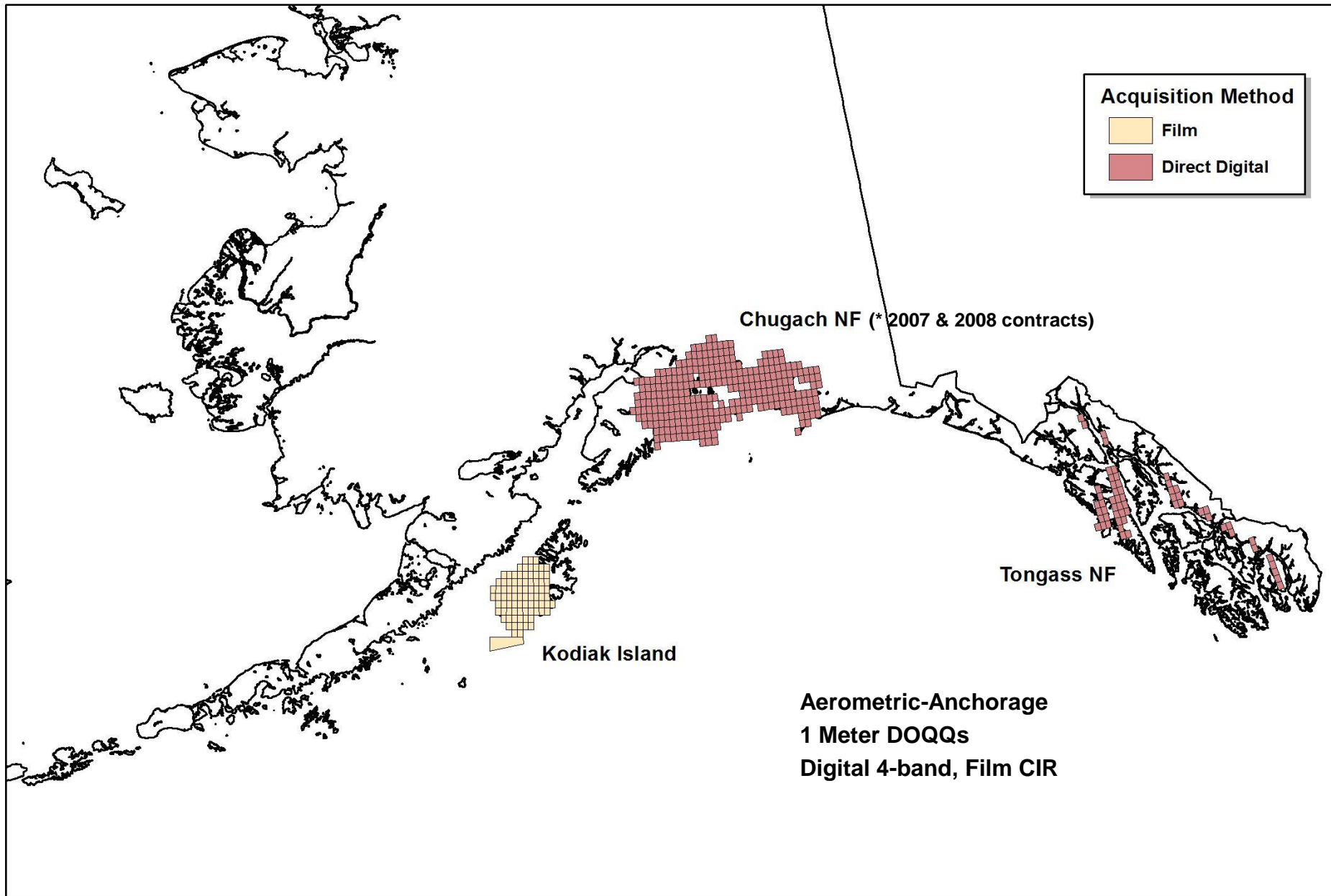
Progress as of: 2-SEP-2010
Contractor: Valley Air

****NOTICE****
Map indicates preliminary coverage of acquisition as reported by the contractor. Accepted coverage by APFO will be determined and available at a later date.

Point of Contact: John Mootz
Email: john.mootz@slc.usda.gov
Tel: 801-844-2916,
Fax: 801-956-3640



2009* ALASKA RESOURCE PROJECTS

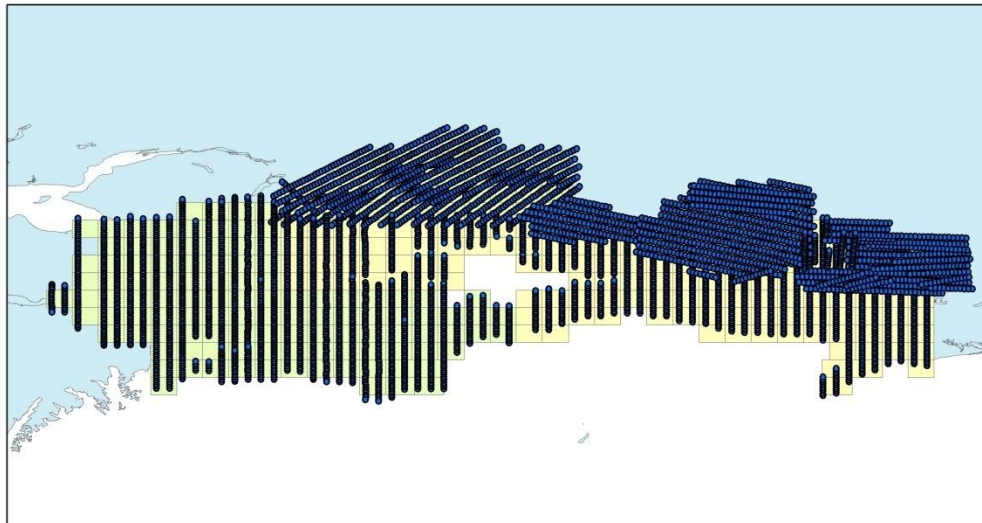


U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NOS:
USDA-1-07-2 & USDA-FS-1-08
Chugach National Forest, Alaska
GSD: 60cm (2 foot)
Sensor: DMC, 4-band

Progress as of: OCT 6, 2010
Contractor: Aero-Metrics, Inc.

****NOTICE****
Map indicates preliminary coverage
of aerial photo acquisition as reported
by the contractor. Accepted coverage
by AFPO will be determined and
available at a later date.

US Department of Agriculture
Farm Service Agency
Aerial Photography Field Office
2222 West 2300 South,
Salt Lake City, UT 84119-2020
Tel: 801-844-2909,
Fax: 801-956-3641
Point of Contact: Michelle Clifford
Email: michelle.clifford@slc.usda.gov
Website: www.apfo.usda.gov



FS Region 10 Projects

**Delivery anticipated
beginning week December
15 through end of January
Chugach as priority**

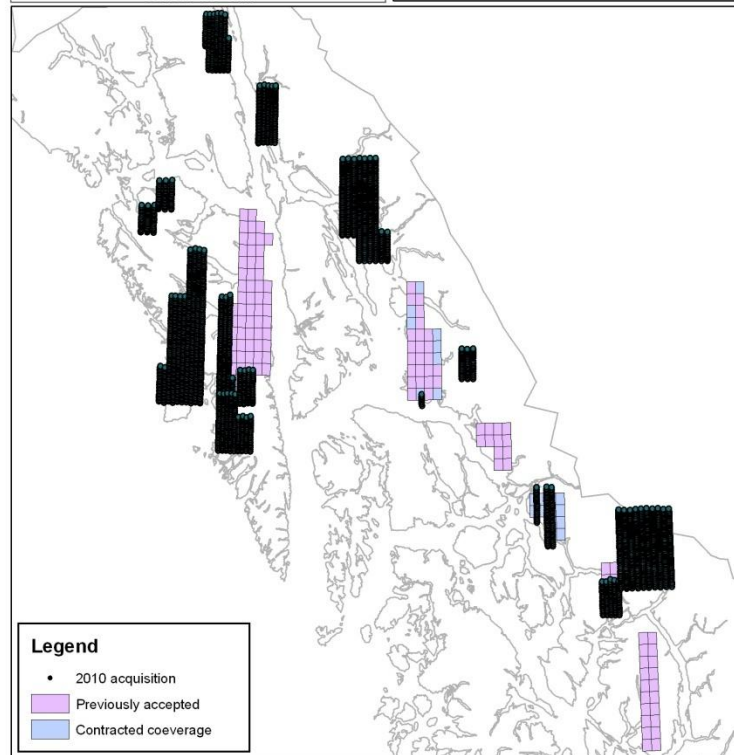
U.S. Department of Agriculture
Farm Service Agency
Aerial Photography Field Office
2222 West 2300 South
Salt Lake City, UT 84119-2020

Progress as of: OCT 6, 2010
Contractor: Aero-Metric Inc

****NOTICE****
Map indicates preliminary imagery acquisition as
reported by the contractor via daily progress reports.
Actual physical coverage will be determined later after
Government receipt and inspection.

Point of Contact: Michelle Clifford
Email: michelle.clifford@slc.usda.gov
Tel: 801-844-2909
Fax: 801-956-3641

SOLICITATION NO: AK-TO-6-09
AK-TO-6-09-1: Tongass NF, AK, Area 1
AK-TO-6-09-2: Tongass NF, AK Area 2
AK-TO-6-10-1: Tongass NF, AK Area 3
GSD: 30 cm





Kodiak Island Borough, Alaska

1 meter ortho from CIR film
Late award 2009: Aug 12

Status:
2009 Rejected Areas
Were not flown.
Pending receipt.
Anticipated near
December 15.

U.S. Department of Agriculture
Farm Service Agency
Aerial Photography Field Office
2222 West 2300 South
Salt Lake City, UT 84119-2020

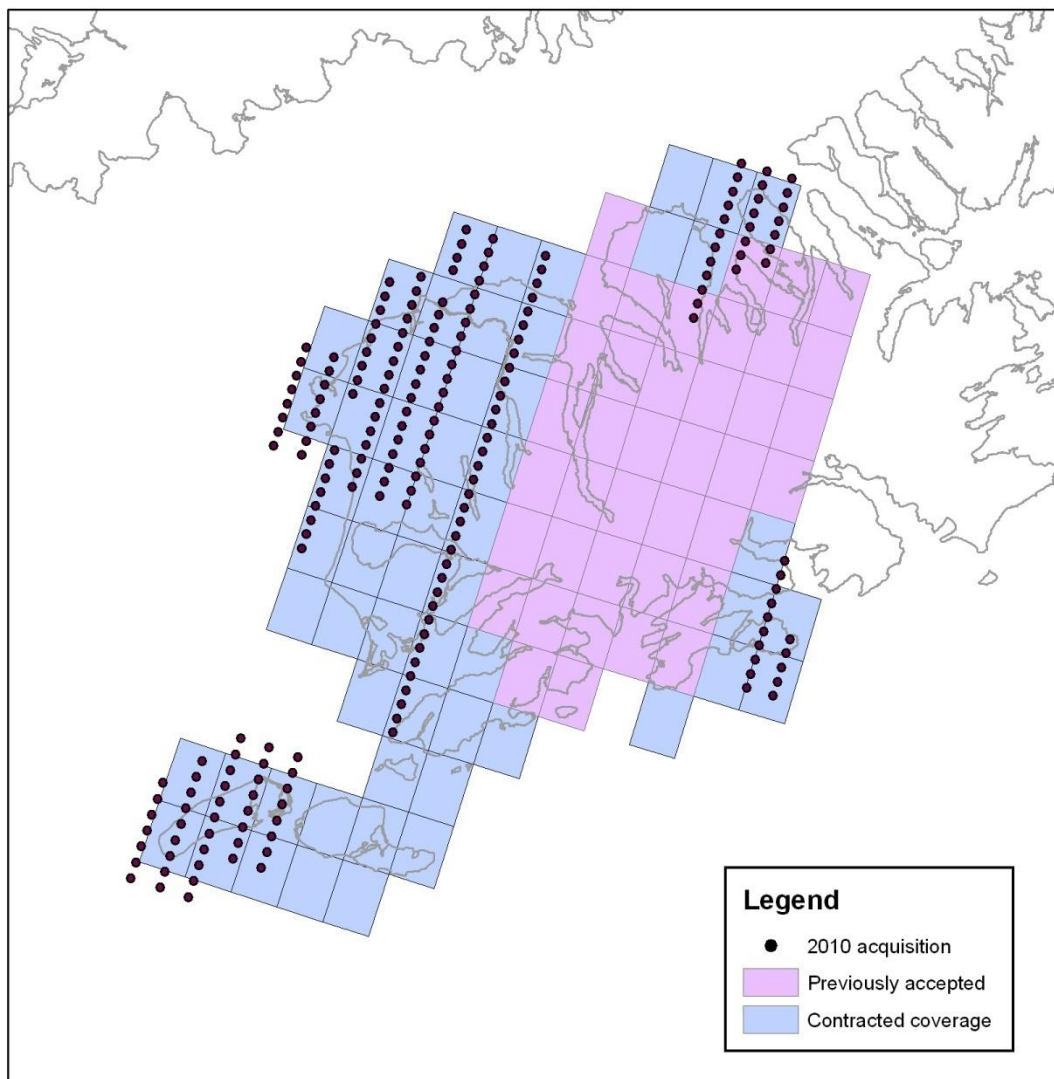
SOLICITATION NO: AK-TO-6-09
Task Order 3: Kodiak Island , AK
COLOR IR FILM

Progress as of: Aug 24, 2010
Contractor: Aero-Metric Inc

****NOTICE****

Map indicates preliminary imagery acquisition as reported by the contractor via daily progress reports. Actual physical coverage will be determined later after Government receipt and inspection.

Point of Contact: Michelle Clifford
Email: michelle.clifford@slc.usda.gov
Tel: 801-844-2909
Fax: 801-956-3641



Points for Discussion

- Continuous process of refining statements of work, deliverables, and specifications for digital products.
- ADS Sensor Strips – image and file size
 - Preferred type for FS users?
- ArcGIS 9.3 to 10. APFO time frame vs FS
 - 10 Not yet approved for USDA
 - Potential problems
- Index shape file
- Internal drives
- Scanning – deliverable on film contracts
 - Quality
 - Best Practices
- Going direct digital acquisition - infrastructure

SAC Small Area Aerial Photography Contracts

**Jacque La Croix,
Contracting Officer**

SAC Small Area Aerial Photography Contracts

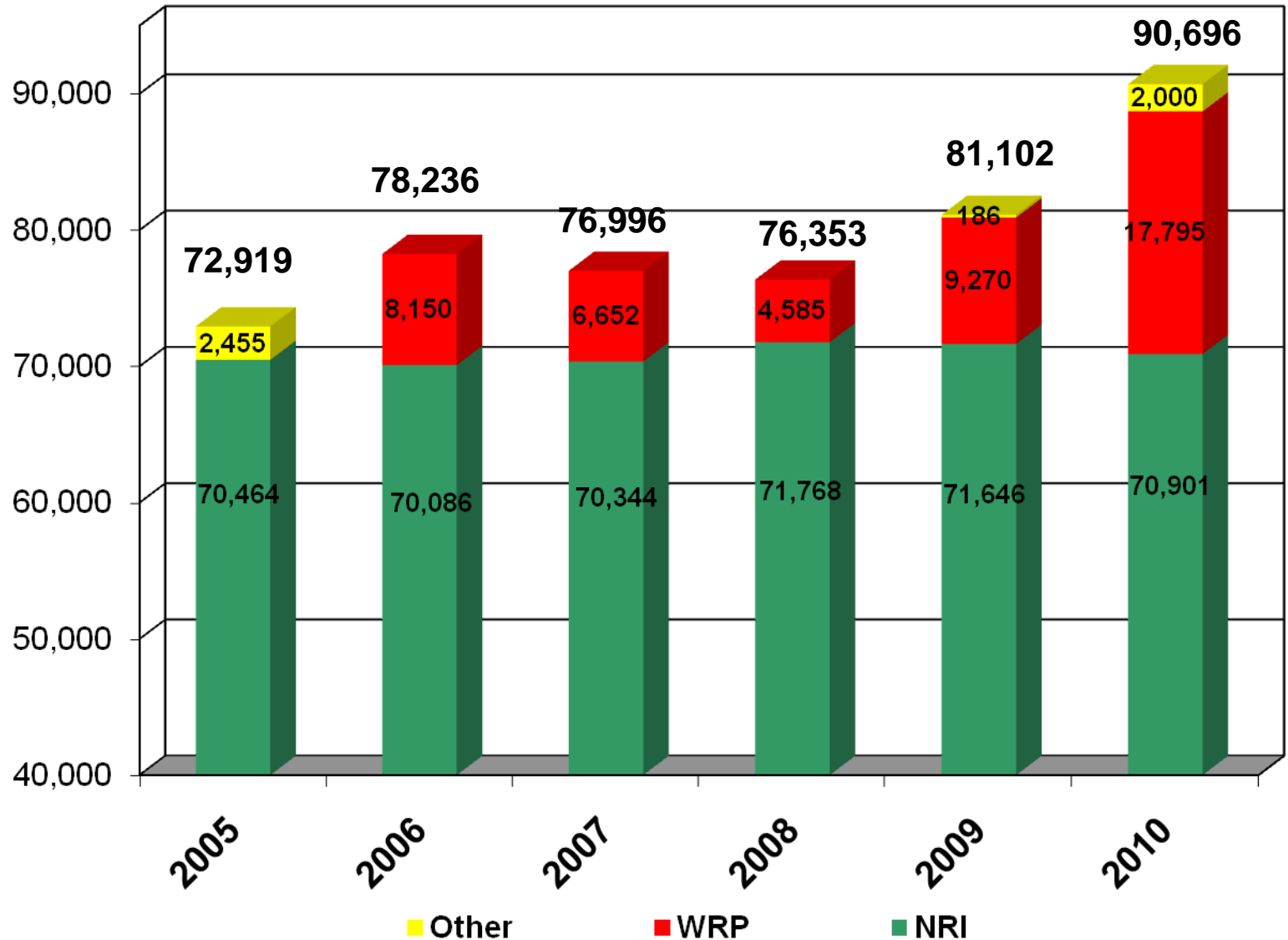
Accomplishments:

- Successfully acquired over 10 years of imagery
- Established program with specific requirements
- Planned for the 2010 Contract:
 - One year contract for film with digital study project
 - Internal hard drive delivery from contractors

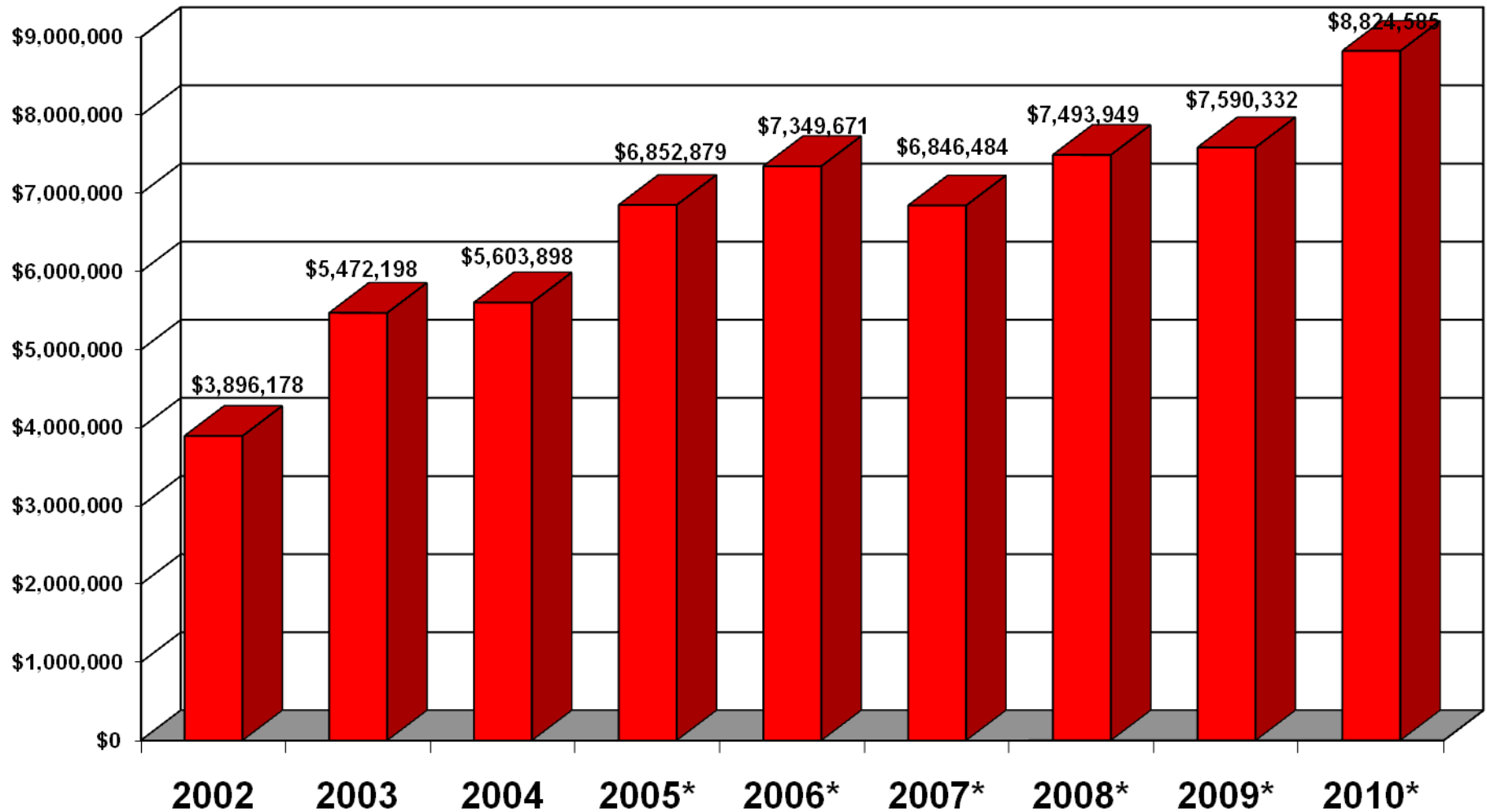
Challenges:

- Transitioning to digital acquisition
- Establishing a digital replacement that best mimics the film acquisition performance and costs
- Taking advantage of latest technologies (sensors) and incorporating them into a long term contract

History of Small Area Contracts

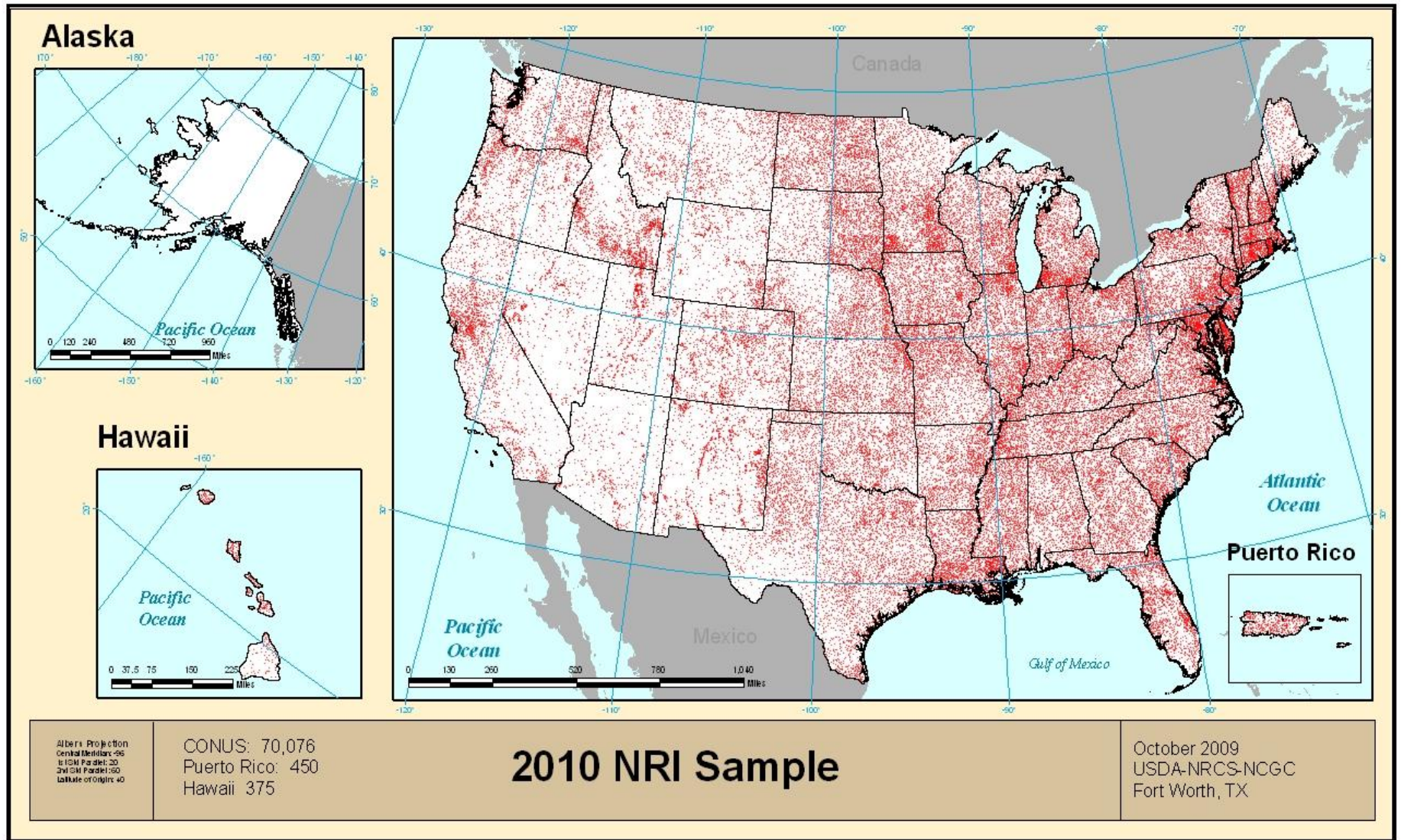


NRI-WRP Contract Awards

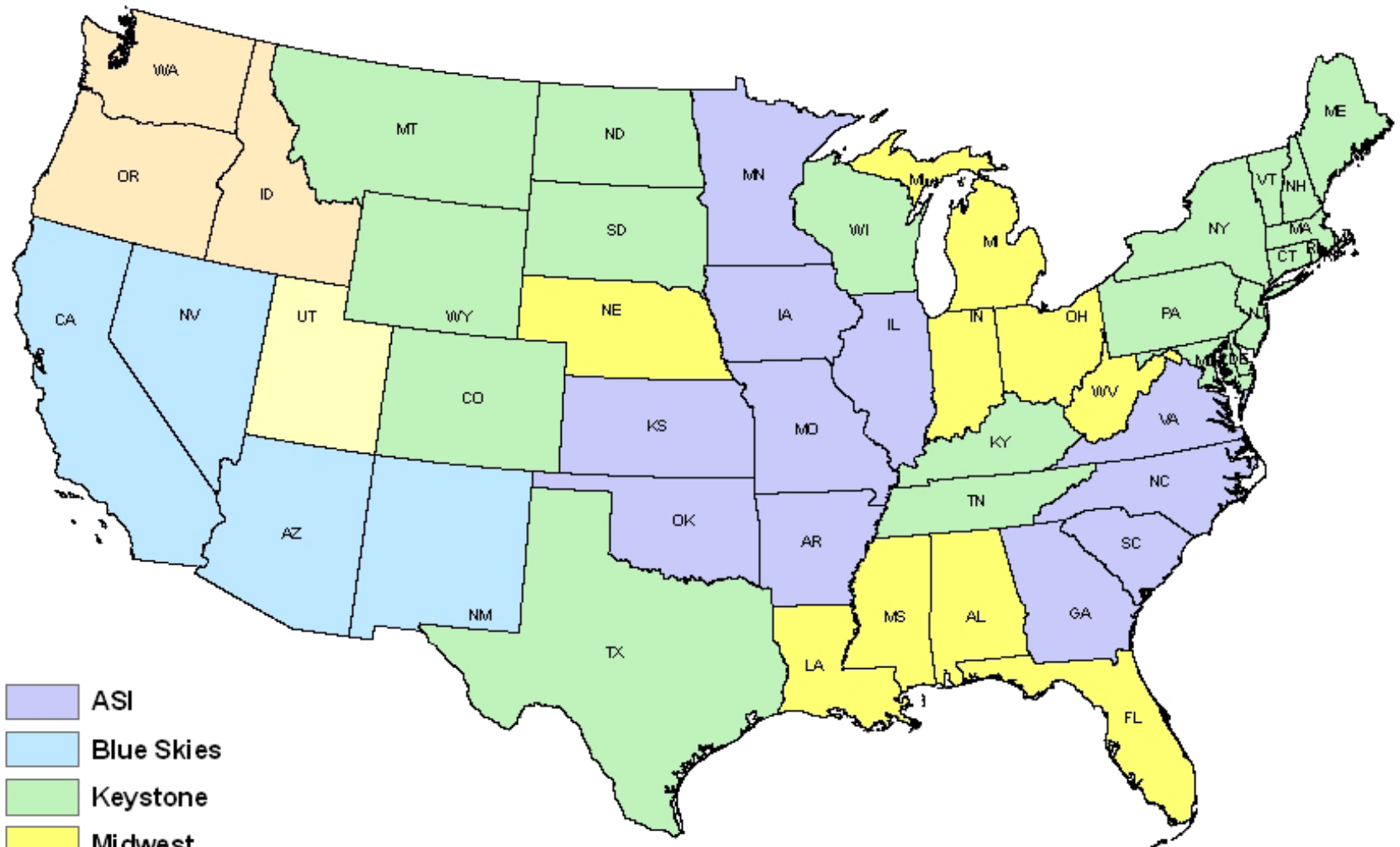


* Awards Include All NRI-WRP Sites & Other Services

2010 NRI SITE LOCATIONS



2010 NRI/WRP CONTRACTORS



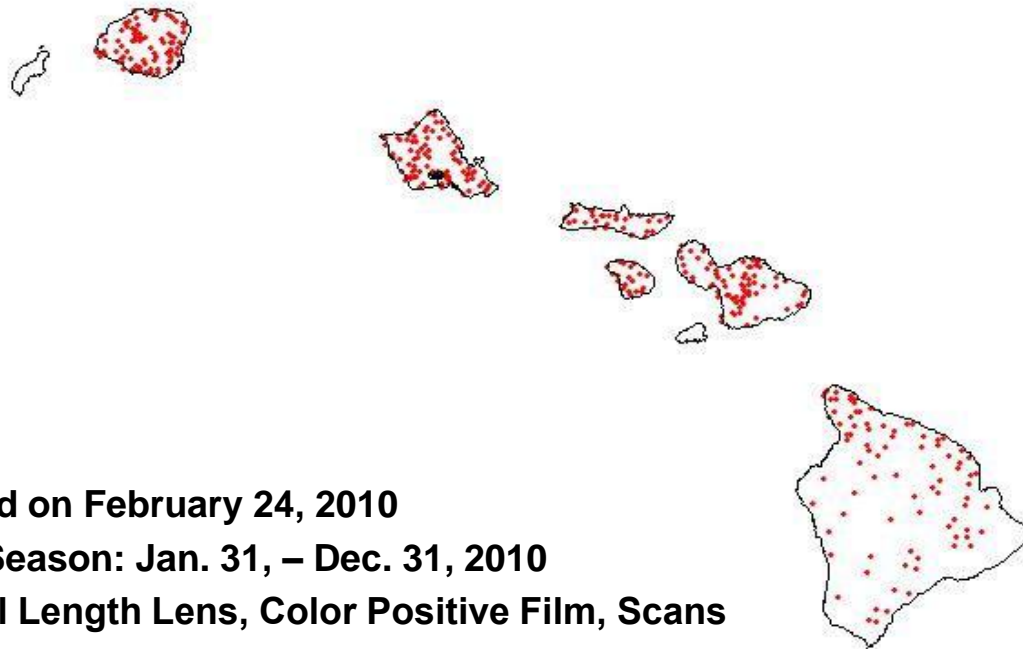
90,696 Sites/Exps

2010 NRI Contract Summary

Award Summary – Imagery & Scans

<u>Contractor</u>	<u>Quantity / States</u>	<u>AMOUNT</u>	<u>ADMIN FEE</u>
ASI	20,342 / 13	\$2,104,148.00	\$63,124.44
Blue Skies	4,677 / 4	\$434,961.00	\$13,048.83
Keystone	26,003 / 20	\$2,489,267.19	\$74,678.02
Midwest	14,844 / 9	\$1,410,180.00	\$42,305.40
Skyview	797 / 1	\$66,629.20	\$1,998.88
<u>Valley</u>	<u>4,238 / 3</u>	<u>\$331,030.18</u>	<u>\$9,930.91</u>
TOTALS:	70,901 / 50	\$6,836,215.57	\$205,086.47

2010 AERIAL SERVICES, INC. AWARD



Awarded on February 24, 2010

Flying Season: Jan. 31, – Dec. 31, 2010

6" Focal Length Lens, Color Positive Film, Scans

<u>Quantity</u>	<u>Price</u>	<u>Total</u>	<u>Admin Fee</u>
375	\$393.00	\$147,375.00	\$4,421.25
Scans	\$9.00	\$3,375.00	\$101.25
Totals:	\$402.00	\$150,750.00	\$4,522.50

2010

**Hawaii
NRI
Sites**

375 Sites

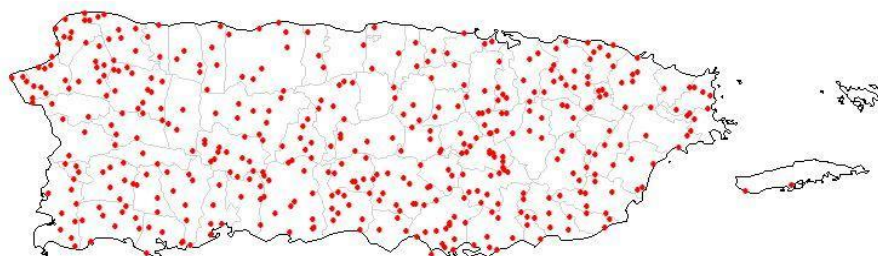
Photo Scale

• 1:7,920

0 80 Miles

A horizontal scale bar with a black line and white ends. The number '0' is at the left end and '80 Miles' is at the right end.

2010 AERIAL SERVICES, INC. AWARD



**Puerto Rico
and the
U.S. Virgin
Islands -
NRI Sites**

450 Sites

Quantity	Price	Total	Admin Fee
450	\$255.00	\$114,750.00	\$3,442.50
Scans	\$9.00	\$4,050.00	\$121.50
Totals:	\$264.00	\$118,800.00	\$3,564.00

Awarded on February 24, 2010

Flying Season: Jan. 31, 2010 – Dec. 31, 2010

**Contract Requirements: 1:7,920 Scale, 6" Focal
Length Lens, Color Positive Film, Scans**

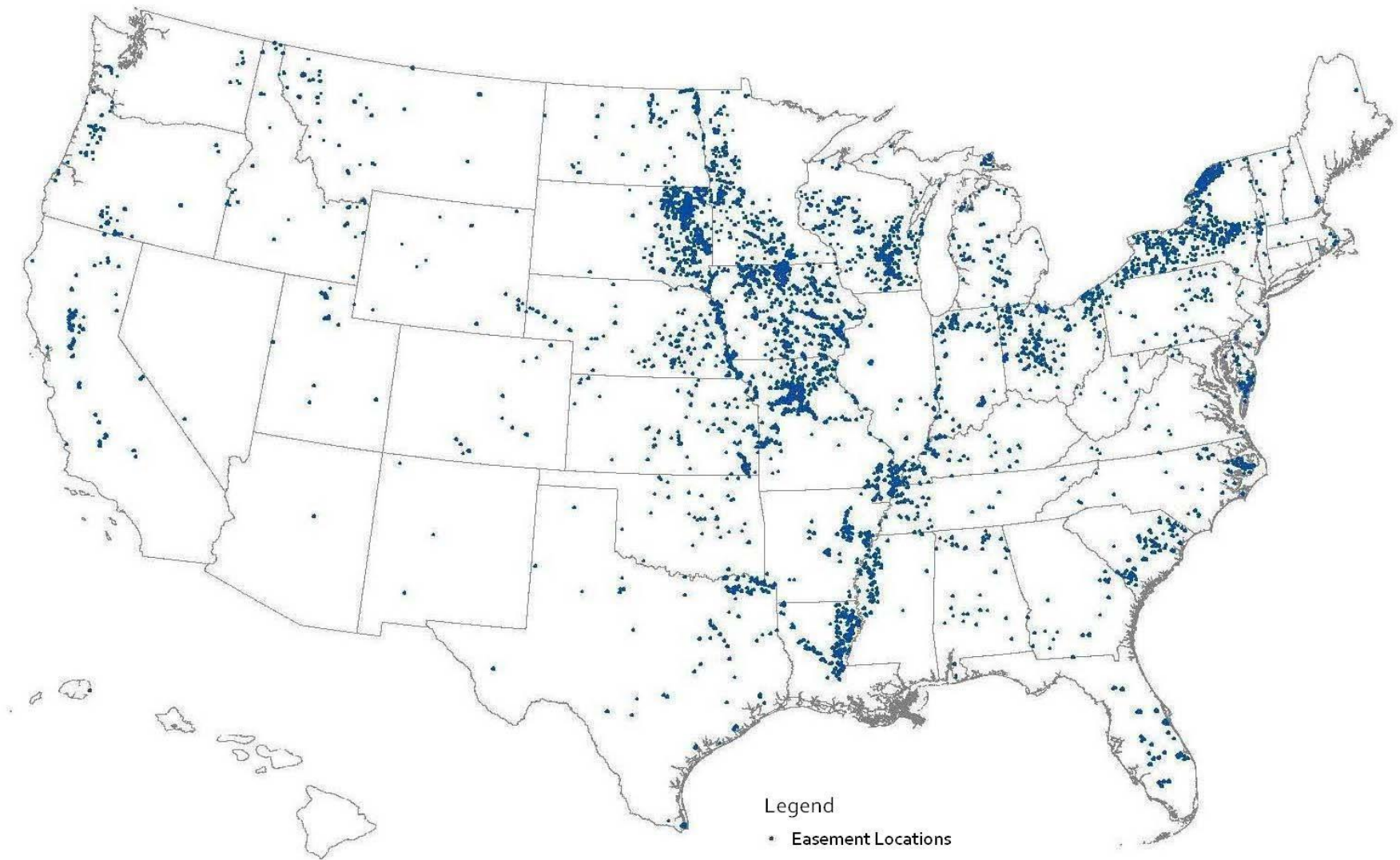
Photo Scale

• 1:7,920

0 40 Miles

A horizontal scale bar with a black line and white ends, labeled '0' at the left and '40 Miles' at the right.

2010 Wetland Reserve Easement Locations



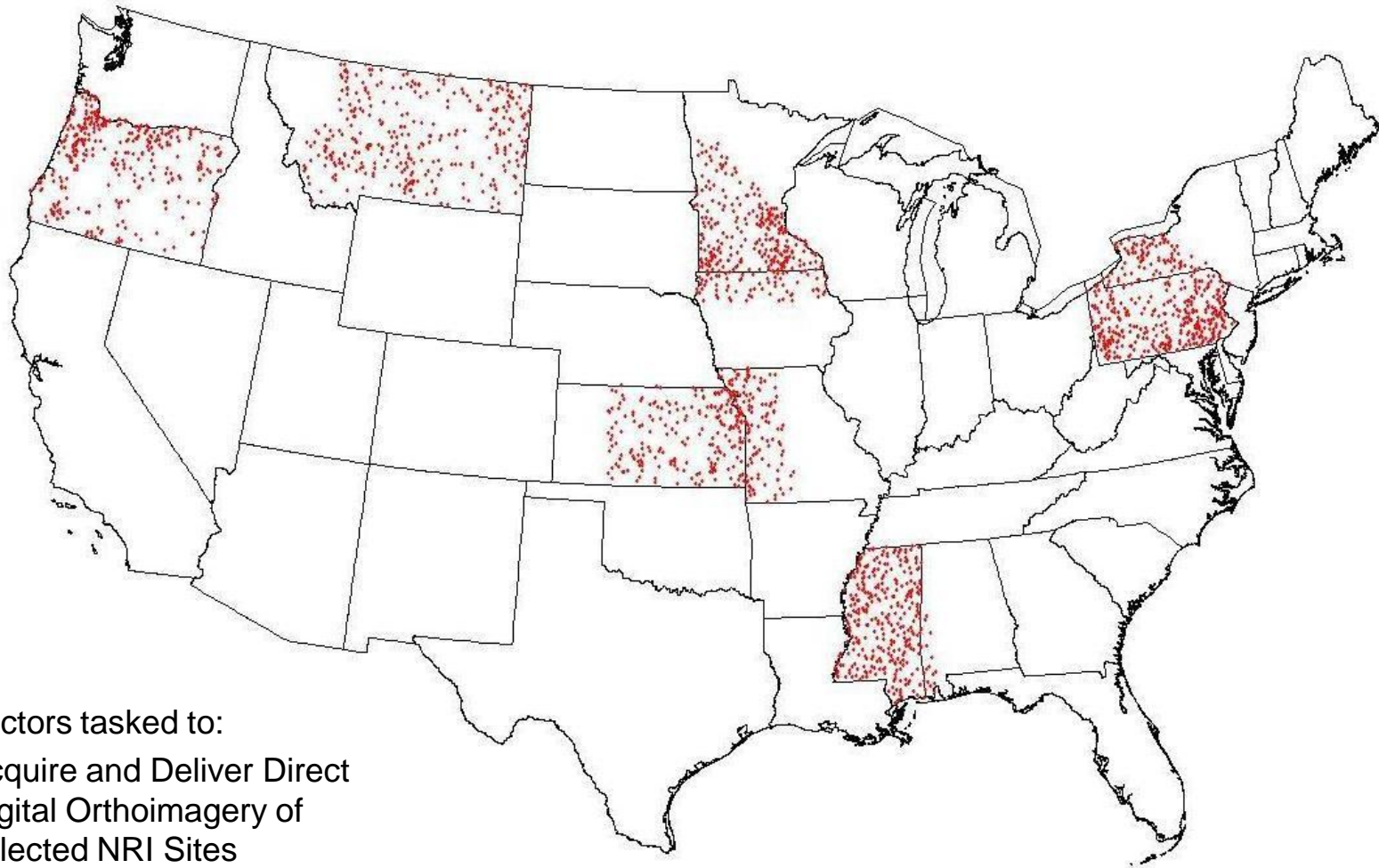
17,795 WRP Exposures

2010 WRP Contract Summary

Award Summary – Imagery & Scans

<u>Contractor</u>	<u>Quantity / States</u>	<u>AMOUNT</u>	<u>ADMIN FEE</u>
ASI	6,827 / 12	\$608,229.00	\$18,222.75
Blue Skies	586 / 4	\$54,498.00	\$1,634.94
Keystone	4,518 / 20	\$371,108.52	\$11,133.26
Midwest	5,128 / 9	\$415,368.00	\$12,461.04
Skyview	119 / 1	\$9,032.10	\$270.96
<u>Valley</u>	<u>617 / 3</u>	<u>\$54,363.87</u>	<u>\$1,630.92</u>
TOTALS:	17,795 / 49	\$1,512,599.49	\$45,377.98

2010 CONUS NRI DIGITAL SPECIAL STUDY SAMPLE AND 2010 NRI FILM ORTHO SITES



Contractors tasked to:

- 1) Acquire and Deliver Direct Digital Orthoimagery of selected NRI Sites
- 2) Acquire the film and deliver orthoimagery from the film of the same sites.

2000 NRI Sites

0 400 Miles

2010 Digital Study Contract Summary

Award Summary – Digital Orthos

Contractor	Quantity / States	AMOUNT	ADMIN FEE
ASI	640 / 4	\$107,520.00	\$3,225.60
Keystone	720 / 3	\$183,600.00	\$5,508.00
Midwest	320 / 2	\$50,560.00	\$1,516.80
Valley	320 / 1	\$36,800.00	\$1,104.00
TOTALS:	2,000 / 10	\$389,480.00	\$11,354.40

Award Summary – Film Orthos

Contractor	Quantity / States	AMOUNT	ADMIN FEE
ASI	640 / 4	\$37,120.00	\$1,113.60
Keystone	720 / 3	\$28,800.00	\$864.00
Midwest	320 / 2	\$20,800.00	\$604.80
Valley	320 / 1	\$11,209.60	\$336.29
TOTALS:	2,000 / 10	\$97,289.60	\$2,918.69

IT

Computer Equipment,
Maintenance & Supplies
Contracts

**Jacque La Croix,
Contracting Officer**



Fiscal Year 2010 IT Contracts

Total Amount Awarded: \$1,286,029

